

Product Datasheet

UGT2B15 Antibody - Azide and BSA Free NBP2-94747-0.1ml

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-94747-0.1ml

UGT2B15 Antibody - Azide and BSA Free

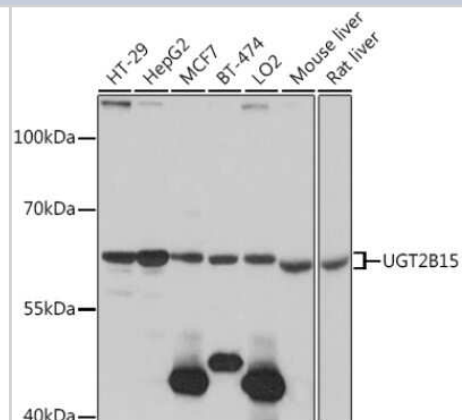
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol
Target Molecular Weight	61 kDa

Product Description	
Description	Novus Biologicals Rabbit UGT2B15 Antibody - Azide and BSA Free (NBP2-94747) is a polyclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7366
Gene Symbol	UGT2B15
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 60-190 of human UGT2B15 (NP_001067.2). ASTLVNASKSSAIKLEVYPTSLTKNYLEDSELLKILDRWIYGVSKNTFWSYFSQLQ ELCWEYYDYSNKLCDAVLNKKLMMKLQESKFDVILADALNPCGELLAELFNIP FLYSLRFSVGYTFEKNGGGFLF

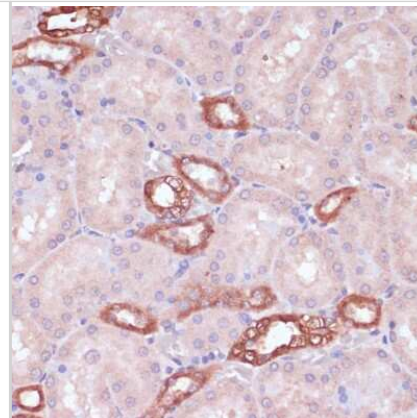
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, Immunohistochemistry 1:100-1:200, Immunohistochemistry-Paraffin

Images

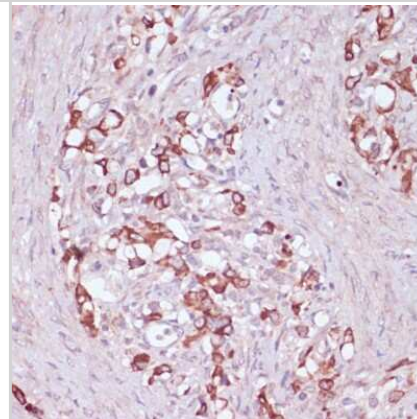
Western Blot: UGT2B15 Antibody [NBP2-94747] - Analysis of extracts of various cell lines, using UGT2B15 at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit . Exposure time: 5s.



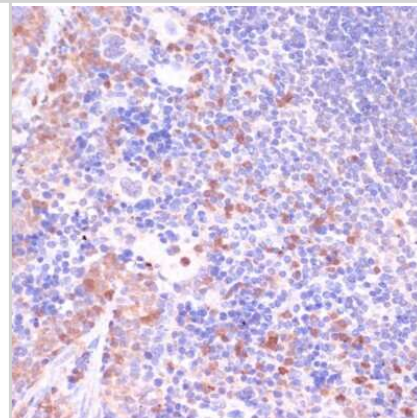
Immunohistochemistry-Paraffin: UGT2B15 Antibody [NBP2-94747] - Rat kidney using UGT2B15 antibody at dilution of 1:100 (40x lens).



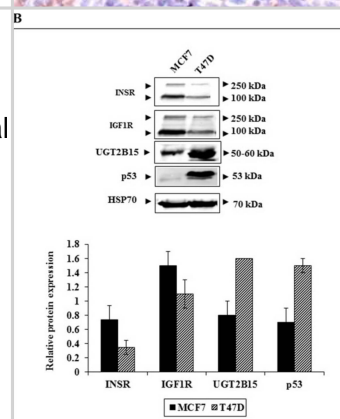
Immunohistochemistry-Paraffin: UGT2B15 Antibody [NBP2-94747] - Human oophoroma using UGT2B15 antibody at dilution of 1:100 (40x lens).



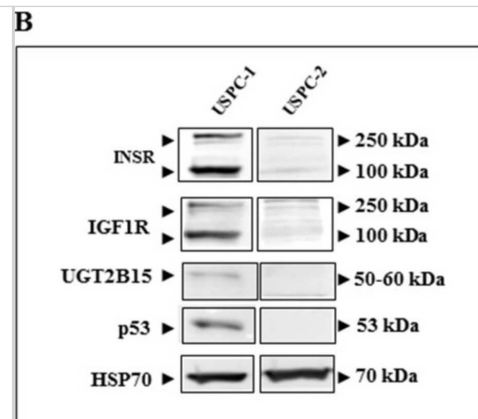
Immunohistochemistry-Paraffin: UGT2B15 Antibody [NBP2-94747] - Mouse spleen using UGT2B15 antibody at dilution of 1:100 (40x lens).



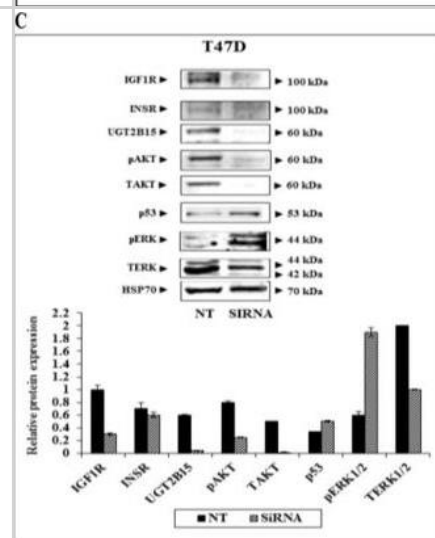
Expression of UGT2B15 in breast cancer cell lines. (A) Total RNA was obtained from confluent T47D and MCF7 cells and UGT2B15 mRNA levels were measured by RT-QPCR. A value of 1 was assigned to the UGT2B15 mRNA levels in T47D cells. * $p < 0.01$ vs. T47D cells. (B) Total protein was obtained from confluent T47D and MCF7 cell lines and UGT2B15, IGF1R, INSR, and p53 protein levels were measured by Western blots. Relative protein levels are expressed as protein levels normalized to the corresponding HSP70 value. Results of a representative experiment are shown, repeated three times with similar results. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/35626664>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



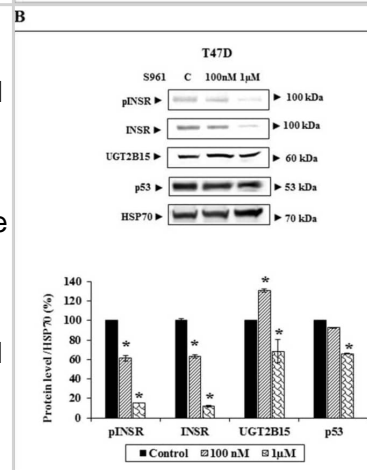
Expression of UGT2B15 in endometrial cancer cell lines. (A) Total RNA was obtained from confluent USPC-1 and USPC-2 endometrial cancer cell lines and UGT2B15 mRNA levels were measured by RT-QPCR. A value of 1 was assigned to the UGT2B15 mRNA levels in USPC-1 cells. * $p < 0.01$ vs. USPC-1 cells. (B) Total protein was obtained from confluent USPC-1 and USPC-2 cell lines and UGT2B15, IGF1R, INSR, and p53 protein levels were measured by Western blots. HSP70 levels were assessed as a loading control. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/35626664>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Effect of UGT2B15 abrogation on IGF1R signaling and cellular proliferation. MCF7 (A,B) and T47D (C,D) were treated with siRNA against UGT2B15 (or NT for control purposes) for 72-h (MCF7) or 96 h (T47D). At the end of the incubation period, cells were harvested, and the levels of IGF1R, INSR, UGT2B15, phospho- and total- AKT and ERK1/2, and p53 were measured by Western blots. HSP70 levels were measured as a loading control. Relative protein levels are expressed as protein levels normalized to the corresponding HSP70 value. Results of a typical experiment are presented. For cell proliferation measurements, cells were treated with siRNA against UGT2B15 (or NT siRNA) for 72 h (MCF7) or 96 h (T47D). Cells were counted using a cell counter. A value of 100% was given to the cell number in NT-treated (control) cells. * $p < 0.01$ vs. NT-treated cells. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/35626664>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Effect of IGF1R and INSR inhibition on UGT2B15 gene expression. (A) MCF7 cells were treated with the selective IGF1R inhibitor AEW541 (10 mM) for 48 h (or left untreated, C), after which cells were harvested, total protein was prepared, and IGF1R, UGT2B15, and p53 levels were measured by Western blots. HSP70 levels were measured as a loading control. The bar graph denotes UGT2B15 and IGF1R levels in control (solid bars) and AEW541 treated cells (striped bars). (B) T47D cells were treated with the INSR inhibitor S961 (100 nM and 1 mM) for 2 h. Cells were then harvested and levels of phospho- and total-INSR, UGT2B15, and p53 levels were measured by Western blots. A value of 100% was given to control, untreated cells. * $p < 0.01$. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/35626664>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.





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Products Related to NBP2-94747-0.1ml

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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