

Product Datasheet

p57 Kip2 Antibody (JE02-08)

NBP3-32701

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-32701

p57 Kip2 Antibody (JE02-08)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JE02-08
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	32 kDa

Product Description	
Description	Novus Biologicals Rabbit p57 Kip2 Antibody (JE02-08) (NBP3-32701) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1028
Gene Symbol	CDKN1C
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide. (Uniprot: P49918)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000-1:5000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:250, Immunohistochemistry-Paraffin 1:200-1:1000



Images

Western Blot: p57 Kip2 Antibody (JE02-08) [NBP3-32701] - Western blot analysis of p57 Kip2 on different lysates with Rabbit anti-p57 Kip2 antibody (NBP3-32701) at 1/5,000 dilution.

Lane 1: HeLa cell lysate

Lane 2: HeLa treated with 50nM dexamethasone for 16 hours cell lysate

Lane 3: HeLa treated with 50nM dexamethasone for 16 hours cell lysate, then the membrane treated with pp for 1 hour

Lysates/proteins at 15 ug/Lane.

Predicted band size: 32 kDa

Observed band size: 50 kDa

Exposure time: 59 seconds; ECL;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-32701) at 1/5,000 dilution was used in 5% NFDm/TBST at 4 overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

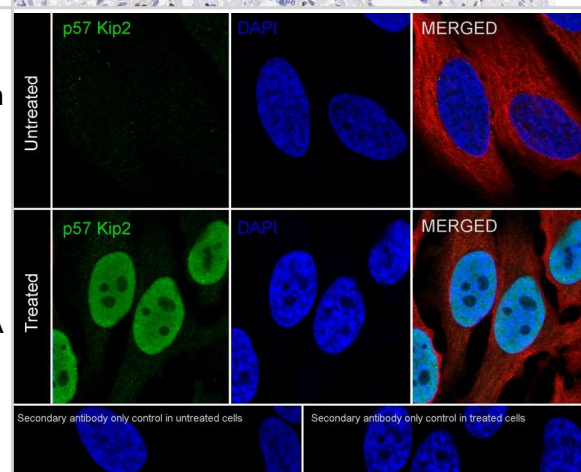
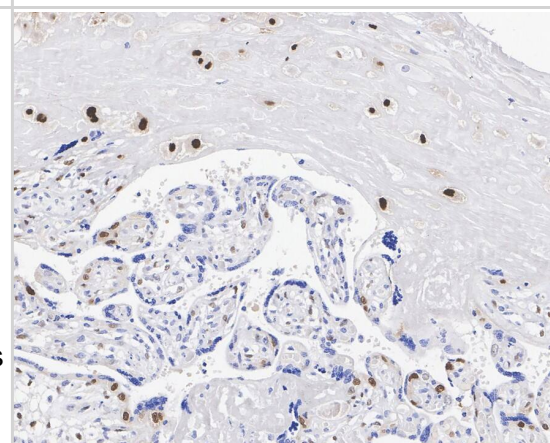
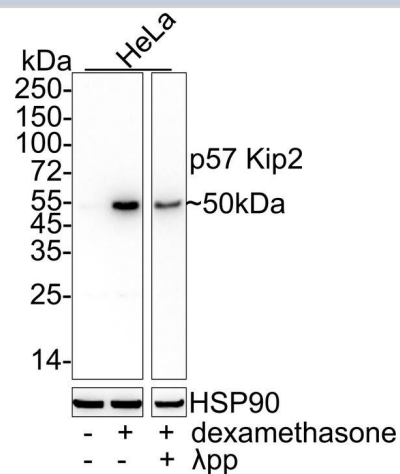
Immunohistochemistry: p57 Kip2 Antibody (JE02-08) [NBP3-32701] - Immunohistochemical analysis of paraffin-embedded human placenta tissue with Rabbit anti-p57 Kip2 antibody (NBP3-32701) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32701) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

Immunocytochemistry/ Immunofluorescence: p57 Kip2 Antibody (JE02-08) [NBP3-32701] - Immunocytochemistry analysis of HeLa cells treated with or without 50nM dexamethasone for 16 hours labeling p57 Kip2 with Rabbit anti-p57 Kip2 antibody (NBP3-32701) at 1/250 dilution.

Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-p57 Kip2 antibody (NBP3-32701) at 1/250 dilution in 1% BSA in PBST overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.





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Products Related to NBP3-32701

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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