

# Product Datasheet

## Cathepsin B Antibody (6I5D7)

### NBP3-15614-100ul

Unit Size: 100 ul

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

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**NBP3-15614-100ul****Cathepsin B Antibody (6I5D7)**

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	6I5D7
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol, 0.05% BSA
<b>Target Molecular Weight</b>	38 kDa

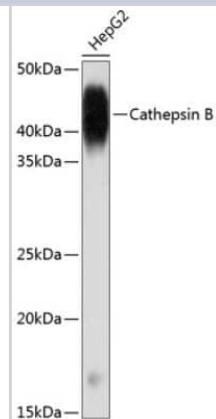
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Cathepsin B Antibody (6I5D7) (NBP3-15614) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	1508
<b>Gene Symbol</b>	CTSB
<b>Species</b>	Human
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 27-156 of human Cathepsin B (P07858). SDELVNYVVKRNTTWQAGHNFYNDMSYLRKLCGTFLLGGPKPPQRVMFTEDL KLPASFDAREQWPQCPTIKEIRDQGSCGSCWAFGAVEAISDRICIHTNAHVSVE VSAEDLLTCCGSMCGDGCNGGYPA

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:2000, ELISA Recommended starting concentration is 1 µg/mL, Immunohistochemistry 1:100 - 1:400, Immunohistochemistry-Paraffin 1:100 - 1:400

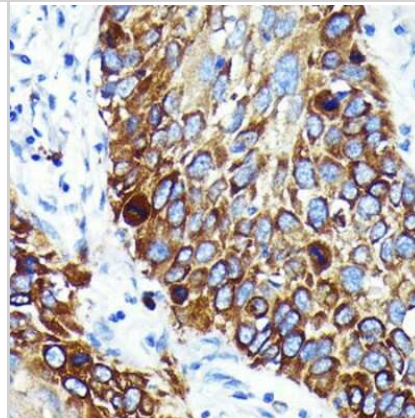


## Images

Western Blot: Cathepsin B Antibody (6I5D7) [NBP3-15614] - Western blot analysis of extracts of HepG2 cells, using Cathepsin B antibody (NBP3-15614) 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: 1 min.



Immunohistochemistry-Paraffin: Cathepsin B Antibody (6I5D7) [NBP3-15614] - Immunohistochemistry of paraffin-embedded human lung cancer using Cathepsin B Rabbit mAb (NBP3-15614) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.





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### **Products Related to NBP3-15614-100ul**

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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

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### **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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