

# Product Datasheet

## Bax inhibitor 1 Antibody (20F565) NBP2-24912

Unit Size: 0.1 mg

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

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### Publications: 1

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**NBP2-24912**

Bax inhibitor 1 Antibody (20F565)

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	20F565
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein G purified
Buffer	PBS and 0.05% BSA

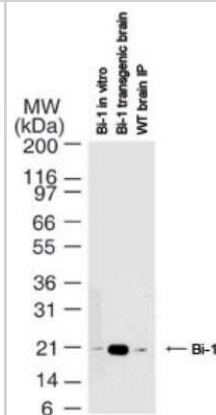
Product Description	
Description	Novus Biologicals Mouse Bax inhibitor 1 Antibody (20F565) (NBP2-24912) is a monoclonal antibody validated for use in IHC and WB. Anti-Bax inhibitor 1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7009
Gene Symbol	TMBIM6
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide made to the N-terminal portion of the human Bax inhibitor 1 protein (between amino acids 1-40) UniProt P55061.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1-5 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 0.5-5 ug/ml

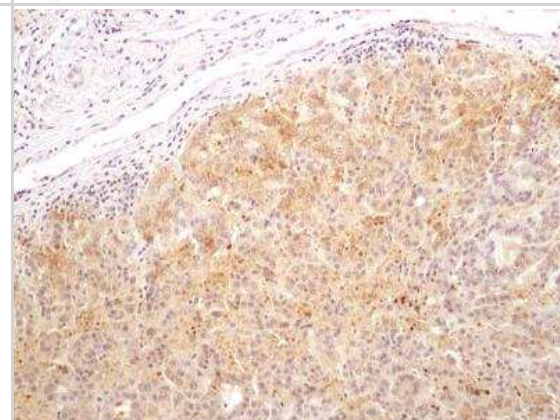


## Images

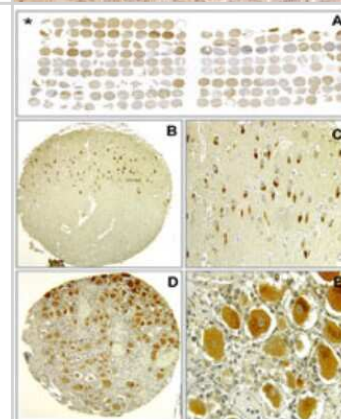
Western Blot: Bax inhibitor 1 Antibody (20F565) [NBP2-24912] - analysis of Bi-1 with this antibody. Lane 1: in vitro translated human Bi-1 protein. Lanes 2 and 3: IP/WB of Bi-1 protein enriched in the transgenic mouse brain (Lane 2) or wildtype brain (Lane 3). IP was done with a polyclonal Bi-1 antibody, followed by WB with this antibody.



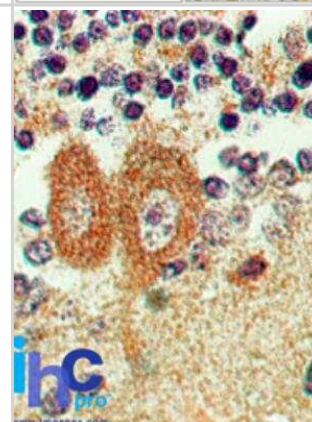
Immunohistochemistry-Paraffin: Bax inhibitor 1 Antibody (20F565) [NBP2-24912] - IHC analysis of formalin-fixed paraffin-embedded tissue section of human liver cancer using 5 ug/ml concentration of Bax inhibitor 1 antibody (clone 20F565). Cytoplasmic immuno-positivity of Bax inhibitor 1 (TMBIM6) was observed in the hepatitis cancer cells whereas the cells of tumor stroma did not develop any staining [10X Magnification]



Immunohistochemistry-Paraffin: Bax inhibitor 1 Antibody (20F565) [NBP2-24912] - analysis of Bi-1 using Bi-1 antibody at 5 ug/ml: A) overview of stained human and mouse TMA, B-C) immunoreactivity in human archicortex (positive neurons of hippocampal gyrus) at 200X and 400X, D-E) strong immunoreactivity in neurons of human dorsal root ganglion.



Immunohistochemistry-Paraffin: Bax inhibitor 1 Antibody (20F565) [NBP2-24912] - Formalin-fixed, paraffin-embedded human brain stained with Bi-1 antibody at 0.5 ug/ml. Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM sodium citrate buffer, pH 6.0 for 10-20 min followed by cooling at RT for 20 min.



## Publications

Shinde V, Kotla P, Strang C, Gorbatyuk M Unfolded protein response-induced dysregulation of calcium homeostasis promotes retinal degeneration in rat models of autosomal dominant retinitis pigmentosa. *Cell Death Dis* 2016-02-04 [PMID: 26844699] (WB)



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### Products Related to NBP2-24912

NBP2-33376H

Blue Marker Antibody (6F4-F6) [HRP]

HAF007

Goat anti-Mouse IgG Secondary Antibody [HRP]

NB7539

Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]

NBP1-43317-0.5mg

Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)

### 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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