

Product Datasheet

Amisyn Antibody NB100-1227

Unit Size: 0.1 mg

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

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Publications: 3

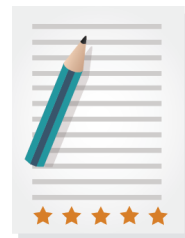
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NB100-1227

Amisyn Antibody

Product Information

Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description

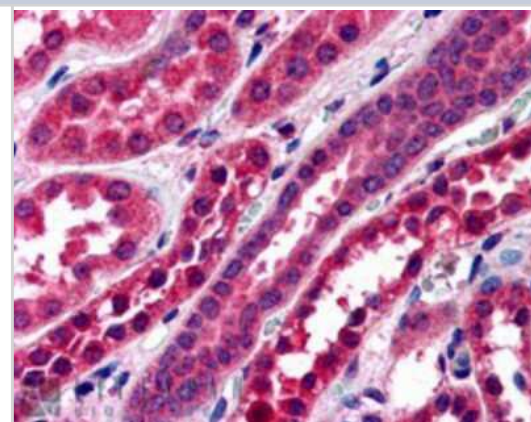
Description	Novus Biologicals Goat Amisyn Antibody (NB100-1227) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-Amisyn Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	29091
Gene Symbol	STXBP6
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 24441682).
Immunogen	Peptide with sequence SAKSAISKEIFAP-C corresponding to N-Terminus according to NP_054897.4.

Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot, Immunohistochemistry 3 - 5 ug/ml, Immunohistochemistry-Paraffin 3 - 5 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Preliminary experiments gave bands at both approx. 25 kDa band and approx. 45 kDa band in human brain extracts at 0.1 ug/ml. Please note that currently we cannot find an explanation in scientific literature for the 45 kDa band we observe given the predicted MW of approx. 24 kDa band according to NP_054897. IHC-P: Human kidney shows cytoplasm staining of PCT and DCT cells. Use in Western blot reported in scientific literature (PMID: 24441682).

Images

Immunohistochemistry: Amisyn Antibody [NB100-1227] - (3.8ug/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Chen S, Xing Z, Geng M et al. Macrophage fusion event as one prerequisite for inorganic nanoparticle-induced antitumor response *Science advances* 2023-07-21 [PMID: 37467339] (IHC-P, Mouse)

Scales SJ, Hesser BA, Masuda ES, Scheller RH. Amisyn, a novel syntaxin-binding protein that may regulate SNARE complex assembly. *J Biol Chem* 2002-08-02 [PMID: 12145319]

Huang TN, Chuang HC, Chou WH et al. Tbr1 haploinsufficiency impairs amygdalar axonal projections and results in cognitive abnormality. *Nat. Neurosci.* 2014-02-01 [PMID: 24441682] (WB, Mouse)





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Products Related to NB100-1227

NBL1-16589	Amisyn Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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