

Product Datasheet

Npas4 Antibody - Azide and BSA Free NBP2-47252

Unit Size: 0.1 mg

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

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NBP2-47252

Npas4 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Lyophilized powder, reconstituted in distilled water.
Isotype	IgG
Purity	Protein A purified
Buffer	0.1M Tris , 0.1M Glycine and 2% Sucrose
Product Description	
Description	Novus Biologicals Rabbit Npas4 Antibody - Azide and BSA Free (NBP2-47252) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-Npas4 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	266743
Gene Symbol	NPAS4
Species	Mouse, Rat, Sheep
Immunogen	Synthetic peptide derived from Cter domain of mouse Npas4 protein.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:1000 - 1:5000, ELISA, Immunohistochemistry 1:100 - 1:1000, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen 1:100 - 1:1000
Application Notes	Use in IHC-P reported in scientific literature (PMID: 23598442).



Publications

Ma L, Wang F, Li Y et al. Brain methylome remodeling selectively regulates neuronal activity genes linking to emotional behaviors in mice exposed to maternal immune activation *Nature communications* 2023-11-29 [PMID: 38030616] (ICC/IF, Mouse)

Unger MS, Li E, Scharnagl L et al. CD8+ T-cells infiltrate Alzheimer's disease brains and regulate neuronal- and synapse-related gene expression in APP-PS1 transgenic mice *Brain Behav. Immun.* 2020-05-29 [PMID: 32479993] (IF/IHC, Mouse)

Wang XM, Zhang GF, Jia M et al. Environmental enrichment improves pain sensitivity, depression-like phenotype, and memory deficit in mice with neuropathic pain: role of NPAS4 *Psychopharmacology (Berl.)* 2019-02-23 [PMID: 30798405] (WB, Mouse)

West A, Dupre S, Yu L, Paton I et al. Npas4 is activated by melatonin, and drives the clock gene *Cry1* in the ovine pars tuberalis. *Mol Endocrinol.* [PMID: 23598442] (IHC-P, IF/IHC, ICC/IF, Sheep)

Details:

Citation using the Unpurified form of this antibody.

Wakasaya Y, Kawarabayashi T, Watanabe M et al. Factors responsible for neurofibrillary tangles and neuronal cell losses in tauopathy. *J Neurosci Res.* [PMID: 21312224]

Details:

Citation using the Unpurified form of this antibody.





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Products Related to NBP2-47252

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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