

Rabbit anti-Human, Mouse NPS Polyclonal Antibody | anti-NPS antibody

NPS Antibody

CATALOG # AAA328070	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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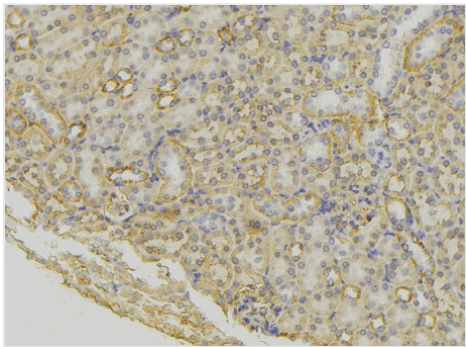
PRODUCT SYNONYMS

NPS; Polyclonal Antibody; NPS Antibody; Neuropeptide S; Nps; NPS_HUMAN; anti-NPS antibody

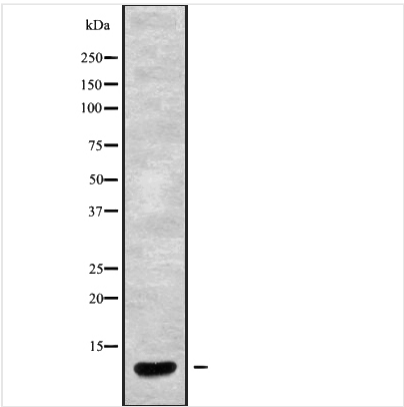
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	NPS antibody detects endogenous levels of total NPS
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	89
Applicable Applications for anti-NPS antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NPS
Subcellular Location	Secreted.
Predicted Cross Reactivity	Pig, Bovine, Sheep, Rabbit, Dog
Similarity	Pig (94%), Bovine (94%), Sheep (94%), Rabbit (94%), Dog (94%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA328070 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis NPS using HepG2 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-NPS antibody	Function: Modulates arousal and anxiety. May play an important anorexigenic role (By similarity). Binds to its receptor NPSR1 with nanomolar affinity to increase intracellular calcium concentrations (PubMed:15312648, PubMed:16790440).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	98986319
NCBI GeneID	594857
NCBI Accession #	NP_001025184.1
NCBI GenBank Nucleotide #	NM_001030013.1
UniProt Accession #	POC0P6
Molecular Weight	Observed: 10 kDa Predicted: 11 kDa
NCBI Official Full Name	neuropeptide S
NCBI Official Synonym Full Names	neuropeptide S
NCBI Official Symbol	NPS
NCBI Protein Information	neuropeptide S
UniProt Protein Name	Neuropeptide S
UniProt Gene Name	NPS

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nps-antibody-immunohistochemistry-western-blot-elisa/328070>