

Rabbit NPR1 Polyclonal Antibody | anti-NPR1 antibody

NPR1 Polyclonal Antibody

CATALOG # AAA169070	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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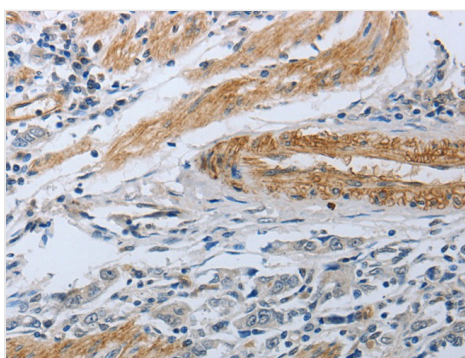
PRODUCT SYNONYMS

NPR1; Polyclonal Antibody; NPR1 Polyclonal Antibody; ANPa; NPRA; ANPRA; GUC2A; GUCY3A; anti-NPR1 antibody

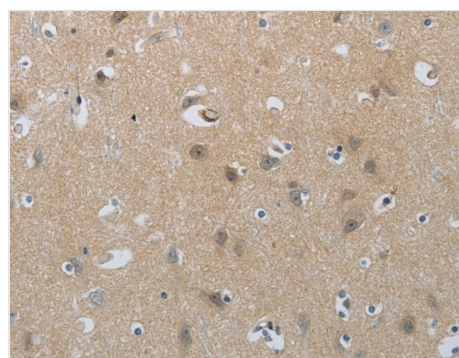
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.2mg/mL (varies by lot)
Sequence Length	604
Applicable Applications for anti-NPR1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human NPR1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human gastric cancer using NPR1 Polyclonal Antibody at dilution of 1:30


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using NPR1 Polyclonal Antibody at dilution of 1:30

ADDITIONAL INFORMATION

Related Product Information for anti-NPR1 antibody	Guanylyl cyclases, catalyzing the production of cGMP from GTP, are classified as soluble and membrane forms. The membrane guanylyl cyclases, often termed guanylyl cyclases A through F, form a family of cell-surface receptors with a similar topographic structure: an extracellular ligand-binding domain, a single membrane-spanning domain, and an intracellular region that contains a protein kinase-like domain and a cyclase catalytic domain. GC-A and GC-B function as receptors for natriuretic peptides; they are also referred to as atrial natriuretic peptide receptor A (NPR1) and type B (NPR2; MIM 108961). Also see NPR3 (MIM 108962), which encodes a protein with only the ligand-binding transmembrane and 37-amino acid cytoplasmic domains. NPR1 is a membrane-bound guanylate cyclase that serves as the receptor for both atrial and brain natriuretic peptides (ANP (MIM 108780) and BNP (MIM 600295), respectively).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	121501695
Molecular Weight	67,347 Da
NCBI Official Full Name	NPR1
UniProt Protein Name	NPR1
UniProt Gene Name	NIM1
UniProt Entry Name	Q6GUF0_BETVU

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/npr1-antibody-immunohistochemistry-elisa/169070>