

Rabbit anti-Human, Mouse NPR2 Polyclonal Antibody | anti-NPR2 antibody

NPR2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29693	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

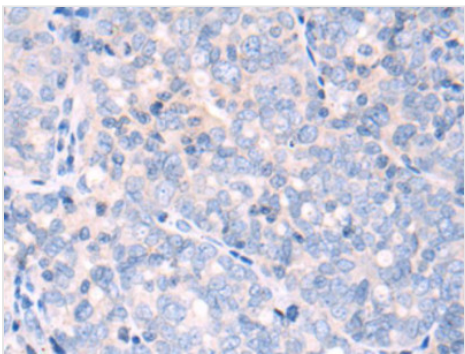
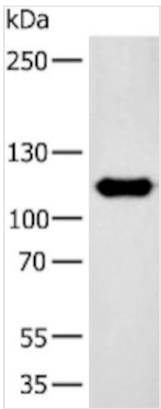
PRODUCT SYNONYMS

NPR2; Polyclonal Antibody; NPR2 Antibody; AMDM; ANPb; NPRB; ANPRB; GUC2B; NPRBi; GUCY2B; anti-NPR2 antibody

PRODUCT SPECIFICATIONS

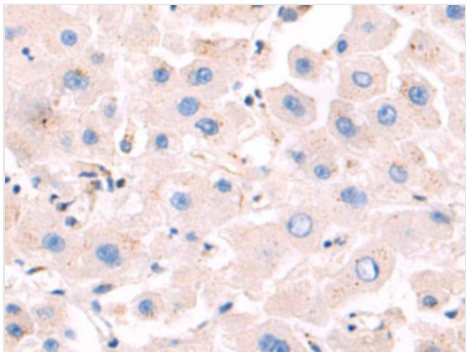
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total NPR2 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1.1 mg/mL (varies by lot)
Sequence Length	1047
Applicable Applications for anti-NPR2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	WB:1:1000~1:5000 IHC:1:50-1:100
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide of human NPR2
Target Name	NPR2
Preparation and Storage	Store at -20 degrees C.

IMAGES



IHC (Immunohistochemistry)
The image on the is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using (NPR2 Antibody) at dilution 1/50

WB (Western Blot)
Gel: 6% SDS-PAGE Lysate: 40 ug Lane: Mouse liver tissue lysate Primary antibody: (NPR2 Antibody) at dilution 1/1100 Secondary antibody: (HRP-conjugated Goat anti rabbit IgG) at 1/5000 dilution Exposure time: 40 seconds.



IHC (Immunohistochemistry)
The image is immunohistochemistry of paraffin-embedded Human liver cancer tissue using (NPR2 Antibody) at dilution1/50

ADDITIONAL INFORMATION

Related Product Information for anti-NPR2 antibody	This gene encodes natriuretic peptide receptor B, one of two integral membrane receptors for natriuretic peptides. Both NPR1 and NPR2 contain five functional domains: an extracellular ligand-binding domain, a single membrane-spanning region, and intracellularly a protein kinase homology domain, a helical hinge region involved in oligomerization, and a carboxyl-terminal guanylyl cyclase catalytic domain. The protein is the primary receptor for C-type natriuretic peptide (CNP), which upon ligand binding exhibits greatly increased guanylyl cyclase activity. Mutations in this gene are the cause of acromesomelic dysplasia Maroteaux type.
Product Categories/Family for anti-NPR2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4580422
NCBI GeneID	4882
NCBI Accession #	NP_003986.2
NCBI GenBank Nucleotide #	NM_003995.3
UniProt Accession #	P20594; O60871; Q4VAK7; Q5TCV2; Q8TA93; Q9UQ50; B0ZBF2; B0ZBF3; D3DRP3; D3DRP4
NCBI Official Full Name	atrial natriuretic peptide receptor 2
NCBI Official Synonym Full Names	natriuretic peptide receptor 2

NCBI Official Symbol	NPR2
NCBI Official Synonym Symbols	AMDM; ANPb; ECDM; NPRB; SNSK; ANPRB; GUC2B; NPRBi; GUCY2B
NCBI Protein Information	atrial natriuretic peptide receptor 2
UniProt Protein Name	Atrial natriuretic peptide receptor 2
UniProt Gene Name	NPR2
UniProt Synonym Gene Names	ANPRB; ANP-B; ANPR-B; NPR-B; GC-B
UniProt Entry Name	ANPRB_HUMAN

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/npr2-antibody-immunohistochemistry-western-blot-elisa/29693>