

Rabbit Gprc5d Polyclonal Antibody | anti-GPRC5D antibody

Gprc5d Antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201389	Rabbit	Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

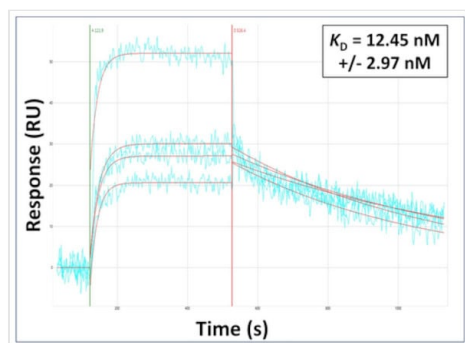
PRODUCT SYNONYMS

Gprc5d; Polyclonal Antibody; Gprc5d Antibody - C-terminal region; anti-GPRC5D antibody

PRODUCT SPECIFICATIONS

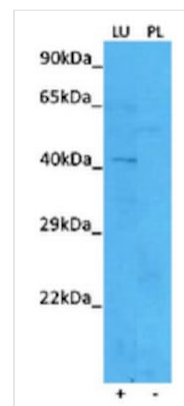
Host	Rabbit
Reactivity	Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MD TQEPTRARDS DGAQEDVALT AYGTPQLQS ADPSREYLIP SATLSPQQ
Sequence Length	344
Applicable Applications for anti-GPRC5D antibody	WB (Western Blot)
Homology	Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 92%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Mouse Gprc5d
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



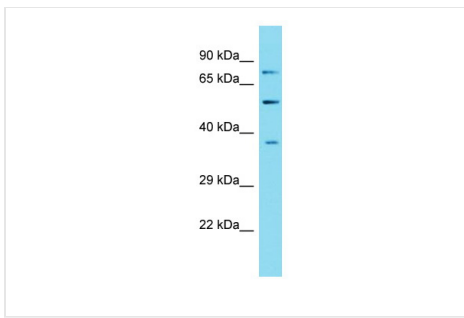
Application Data

Surface Plasmon Resonance Kinetic Characterization of Polyclonal Antibody Affinity. Purified polyclonal antibodies were immobilized on a Protein A/G coated Carterra LSA sensor chip (please inquire) at concentrations of 5, and 50 ug/mL in duplicate. Antibodies on the surface were exposed to interaction with peptides sequentially via microfluidic controlled flow at 333nM peptide concentration for kinetic characterization of the binders for affinity and specificity, followed by curve fitting using the Kinetics software. Kd determinations for both concentrations were averaged and results and standard deviation are shown.



WB (Western Blot)

Host: Rabbit Target: COL6A5 Positive control (+): Human Lung (LU) Negative control (-): Human Placenta (PL) Antibody concentration: 1ug/ml



WB (Western Blot)

Host: Rabbit Target Name: Gprc5d Sample Type: Mouse Thymus lysates Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-GPRC5D antibody	This is a rabbit polyclonal antibody against Gprc5d. It was validated on Western Blot Target Description: The function of this protein remains unknown.
Product Categories/Family for anti-GPRC5D antibody	Polyclonal; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	329663832
NCBI GeneID	93746
NCBI Accession #	NP_001192325
NCBI GenBank Nucleotide #	NM_001205396
UniProt Accession #	Q9JIL6
Molecular Weight	37kDa
NCBI Official Full Name	G-protein coupled receptor family C group 5 member D isoform 1
NCBI Official Synonym Full Names	G protein-coupled receptor, family C, group 5, member D
NCBI Official Symbol	Gprc5d
NCBI Protein Information	G-protein coupled receptor family C group 5 member D
UniProt Protein Name	G-protein coupled receptor family C group 5 member D
UniProt Gene Name	Gprc5d
UniProt Entry Name	GPC5D_MOUSE

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/gprc5d-antibody-western-blot-elisa/201389>