

Rabbit HBEGF Polyclonal Antibody | anti-HBEGF antibody

HBEGF Antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199529	Rabbit	Cow, Dog, Guinea Pig, Human, Mouse, Pig, Rabbit, Rat	Western Blot

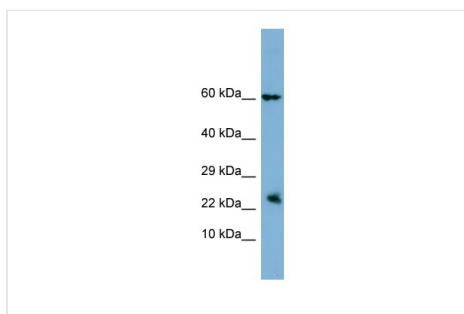
PRODUCT SYNONYMS

HBEGF; Polyclonal Antibody; HBEGF Antibody - N-terminal region; anti-HBEGF antibody

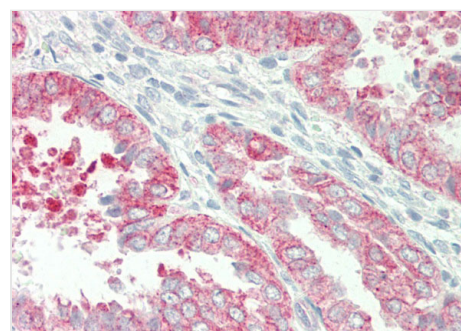
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Pig, 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: FL AAVLSALVTG ESLERLRRL AAGTSNPDP TVSTDQLLPL GGRDRKV
Sequence Length	208
Applicable Applications for anti-HBEGF antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 86%; Guinea Pig: 79%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 93%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human HBEGF
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


WB (Western Blot)

Host: RabbitTarget Name: HBEGFSample Type: PANC1 Whole Cell lysatesAntibody Dilution: 1.0ug/mlThere is BioGPS gene expression data showing that HBEGF is expressed in PANC1


IHC (Immunohistochemistry)

Rabbit Anti-HBEGF antibodyFormalin Fixed Paraffin Embedded Tissue: Human UterusPrimary antibody Concentration: 1:100Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20xExposure Time: 0.5-2.0sec

ADDITIONAL INFORMATION

Related Product Information for anti-HBEGF antibody	This is a rabbit polyclonal antibody against HBEGF. It was validated on Western Blot Target Description: HBEGF is a growth factor that mediates its effects via EGFR, ERBB2 and ERBB4. It is required for normal cardiac valve formation and normal heart function. HBEGF promotes smooth muscle cell proliferation. It may be involved in macrophage-mediated cellular proliferation. It is mitogenic for fibroblasts, but not endothelial cells. It is able to bind EGF receptor/EGFR with higher affinity than EGF itself and is a far more potent mitogen for smooth muscle cells than EGF. It also acts as a diphtheria toxin receptor.
Product Categories/Family for anti-HBEGF antibody	Polyclonal; Cardiovascular; Meiosis/Mitosis/Cell Cycle

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503413
NCBI GeneID	1839
NCBI Accession #	NP_001936
NCBI GenBank Nucleotide #	NM_001945
UniProt Accession #	Q99075
Molecular Weight	22kDa
NCBI Official Full Name	proheparin-binding EGF-like growth factor
NCBI Official Synonym Full Names	heparin binding EGF like growth factor
NCBI Official Symbol	HBEGF
NCBI Official Synonym Symbols	DTR; DTS; DTSF; HEGFL
NCBI Protein Information	proheparin-binding EGF-like growth factor
UniProt Protein Name	Proheparin-binding EGF-like growth factor
UniProt Gene Name	HBEGF
UniProt Synonym Gene Names	DTR; DTS; HEGFL; HB-EGF; HBEGF; DT-R
UniProt Entry Name	HBEGF_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/hbegf-antibody-western-blot-elisa/199529>