

Rabbit AREG Polyclonal Antibody | anti-AREG antibody

AREG antibody - middle region

CATALOG # AAA197098	HOST Rabbit	REACTIVITY Cow, Dog, Horse, Human, Pig, Sheep	APPLICATIONS Western Blot
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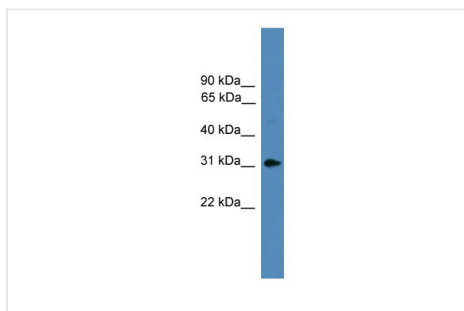
PRODUCT SYNONYMS

AREG; Polyclonal Antibody; AREG antibody - middle region; anti-AREG antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Pig, Sheep
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: PQ IPGYIVDDSV RVEQVVKPPQ NKTESENTSD KPKRKKKGGK NGKNRRNR
Sequence Length	252
Applicable Applications for anti-AREG antibody	WB (Western Blot)
Homology	Cow: 91%; Dog: 91%; Horse: 91%; Human: 100%; Pig: 91%; Sheep: 91%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human AREG
Protein Size	252 amino acids
Protein Interactions	KRTAP10-3; WDR92; UBC; APP; UBQLN4; WT1; EGFR; CCND3; MMP9
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-AREG Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive

Control: ACHN cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-AREG antibody	This is a rabbit polyclonal antibody against AREG. It was validated on Western Blot Target Description: The protein encoded by this gene is a member of the epidermal growth factor family. It is an autocrine growth factor as well as a mitogen for astrocytes, Schwann cells, and fibroblasts. It is related to epidermal growth factor (EGF) and transforming growth factor alpha (TGF-alpha). This protein interacts with the EGF/TGF-alpha receptor to promote the growth of normal epithelial cells and inhibits the growth of certain aggressive carcinoma cell lines. This encoded protein is associated with a psoriasis-like skin phenotype.
Product Categories/Family for anti-AREG antibody	Polyclonal; Transcription Factor ; Transcription Regulation ; GPCR

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502199
NCBI GeneID	374
NCBI Accession #	NP_001648
NCBI GenBank Nucleotide #	NM_001657
UniProt Accession #	P15514
Molecular Weight	28kDa
NCBI Official Full Name	amphiregulin preproprotein
NCBI Official Synonym Full Names	amphiregulin
NCBI Official Symbol	AREG
NCBI Official Synonym Symbols	AR; SDGF; AREGB; CRDGF
NCBI Protein Information	amphiregulin
UniProt Protein Name	Amphiregulin
UniProt Gene Name	AREG
UniProt Synonym Gene Names	SDGF; AR; CRDGF
UniProt Entry Name	AREG_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/areg-antibody-western-blot-elisa/197098>