Rabbit anti-Human EREG Polyclonal Antibody | anti-EREG antibody

EREG Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28771	**Rabbit**	**Human**	**Western Blot, ELISA, Immunohistochemistry, Flow Cytometry, Functional Assay**

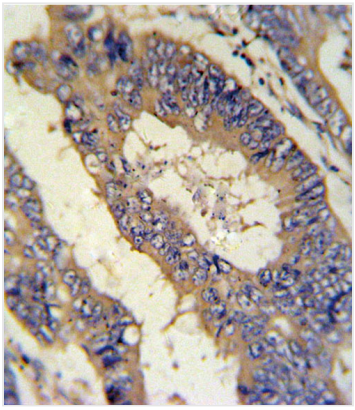
PRODUCT SYNONYMS

EREG; Polyclonal Antibody; EREG Antibody (C-term); Proepiregulin; Epiregulin; EPR; anti-EREG antibody

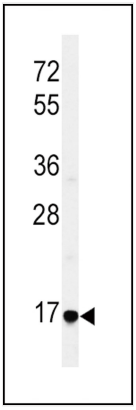
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This EREG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 137-165 amino acids from the C-terminal region of human EREG.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.34 (varies by lot)
Sequence Positions	137-165
Sequence Length	169
Applicable Applications for anti-EREG antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB~~1:1000
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

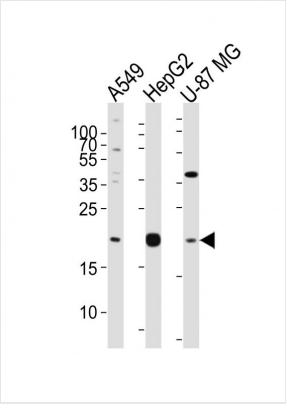
IMAGES



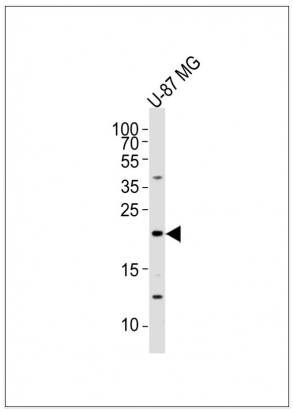
WB (Western Blot)
EREG Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the EREG Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



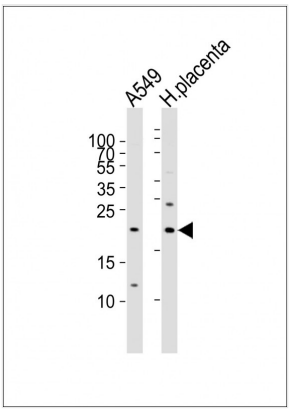
WB (Western Blot)
Western blot analysis of EREG Antibody (C-term) in HepG2 cell line lysates (35ug/lane). EREG (arrow) was detected using the purified Pab.



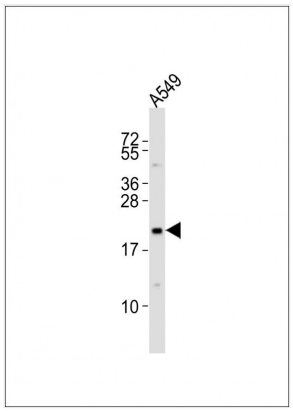
WB (Western Blot)
Western blot analysis of lysates from A549, HepG2, U-87 MG cell line (from left to right), using EREG Antibody (C-term). AAA28771 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.



WB (Western Blot)
Anti-EREG Antibody (C-term)at 1:2000 dilution + U-87 MG whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 19 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



WB (Western Blot)
All lanes : Anti-EREG Antibody (C-term) at 1:1000 dilutionLane 1: A549 whole cell lysatesLane 2: human placenta lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 19 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



WB (Western Blot)
Anti-EREG Antibody (C-term)at 1:2000 dilution + A549 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 19 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-EREG antibody	EREG is a member of the epidermal growth factor family. EREG can function as a ligand of EGFR (epidermal growth factor receptor), as well as a ligand of most members of the ERBB (v-erb-b2 oncogene homolog) family of tyrosine-kinase receptors.
Product Categories/Family for anti-EREG antibody	Crown Antibodies; Cancer; Signal Transduction
References	Ben-Ami, I., et al. Hum. Reprod. 24(1):176-184(2009) Cho, M.C., et al. Biochem. Biophys. Res. Commun. 377(3):832-837(2008) Lasky-Su, J., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 147B (8), 1345-1354 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557567
NCBI GeneID	2069
NCBI Accession #	NP_001423.1
NCBI GenBank Nucleotide #	NM_001432.2
UniProt Accession #	O14944; Q6FH69; B2RC66
Molecular Weight	19044
NCBI Official Full Name	proepiregulin preproprotein
NCBI Official Synonym Full Names	epiregulin
NCBI Official Symbol	EREG
NCBI Official Synonym Symbols	ER
NCBI Protein Information	proepiregulin
UniProt Protein Name	Proepiregulin
UniProt Gene Name	**EREG**
UniProt Synonym Gene Names	EPR
UniProt Entry Name	EREG_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/ereg-antibody-western-blot-immunohistochemistry-flow-cytometry-elisa/28771