

Rabbit anti-Mouse EGF Polyclonal Antibody | anti-EGF antibody

Anti-EGF antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA44928	Rabbit	Mouse	Immunohistochemistry, Western Blot

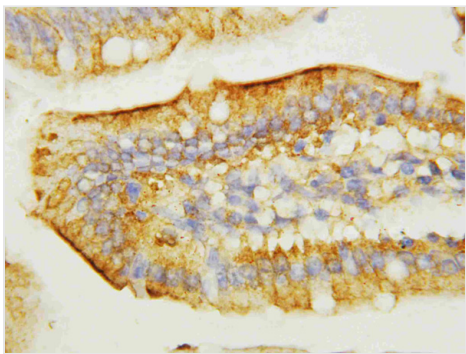
PRODUCT SYNONYMS

EGF; Polyclonal Antibody; Anti-EGF antibody; Pro-epidermal growth factor(EGF); epidermal growth factor; Beta urogastrone antibody; EGF antibody; Egf antibody; EGF_HUMAN antibody; Epidermal Growth Factor antibody; HOMG4 antibody; OTTHUMP00000219721 antibody; OTTHUMP00000219722 antibody; Pro epidermal growth factor antibody; URG antibody; Urogastrone antibody; anti-EGF antibody

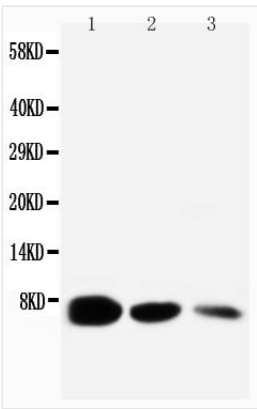
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	1217
Applicable Applications for anti-EGF antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of mouse EGF (1013-1029aa YSGDRCQTRDLRWELR).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-EGF antibody, AAA44928, IHC(P)IHC(P): Mouse Intestine Tissue



WB (Western Blot)
Anti-EGF antibody, AAA44928, Western blottingLane 1: Recombinant Mouse EGF Protein 10ngLane 2: Recombinant Mouse EGF Protein 5ngLane 3: Recombinant Mouse EGF Protein 2.5ng

ADDITIONAL INFORMATION

Related Product Information for anti-EGF antibody	Description: Rabbit IgG polyclonal antibody for Pro-epidermal growth factor(EGF) detection. Tested with WB, IHC-P in Mouse. Background: Epidermal growth factor(EGF) is a growth factor that plays an important role in the regulation of cell growth, proliferation and differentiation by binding to its receptor EGFR. EGF locus is mapped to 4q21-4qter. Human EGF is a 6045-Da protein with 53 amino acid residues and three intramolecular disulfide bonds. EGF results in cellular proliferation, differentiation, and survival while plays an important physiological role in the maintenance of oro-esophageal and gastric tissue integrity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	341940478
NCBI GeneID	13645
UniProt Accession #	P01132; Q569W5; Q6P9J2; E9QNX6
Molecular Weight	133,072 Da
NCBI Official Full Name	Pro-epidermal growth factor
NCBI Official Synonym Full Names	epidermal growth factor
NCBI Official Symbol	Egf
NCBI Official Synonym Symbols	AI790464
NCBI Protein Information	pro-epidermal growth factor; Pro-epidermal growth factor precursor (EGF)
UniProt Protein Name	Pro-epidermal growth factor
UniProt Gene Name	Egf
UniProt Synonym Gene Names	EGF
UniProt Entry Name	EGF_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.