

Rabbit anti-Human, Rat AMFR Polyclonal Antibody | anti-AMFR antibody

Anti-AMFR Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46822	Rabbit	Human, Rat	Immunohistochemistry, Western Blot

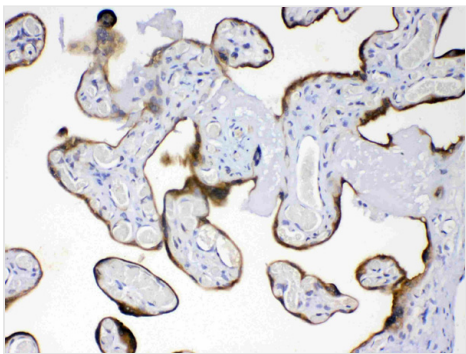
PRODUCT SYNONYMS

AMFR; Polyclonal Antibody; Anti-AMFR Antibody; AMF receptor; gp78; RNF 45; RNF45; Q9UKV5; E3 ubiquitin-protein ligase AMFR; autocrine motility factor receptor; anti-AMFR antibody

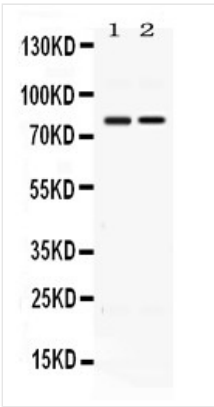
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	643
Applicable Applications for anti-AMFR antibody	IHC (Immunohistochemistry), WB (Western Blot)
Notes	Tested Species: In-house tested species with positive results. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections. Other applications have not been tested.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E. coli-derived human AMFR recombinant protein (Position: E553-S643). Human AMFR shares 89% amino acid (aa) sequence identity with mouse AMFR.
Preparation and Storage	Store 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)
AMFR was detected in paraffin-embedded sections of human placenta tissues using rabbit anti- AMFR Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



WB (Western Blot)
Western blot analysis of AMFR expression in rat thymus extract (lane 1) and HELA whole cell lysates (lane 2). AMFR at 78KD was detected using rabbit anti- AMFR Antigen Affinity purified polyclonal antibody at 0.5 ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-AMFR antibody	Rabbit IgG polyclonal antibody for E3 ubiquitin-protein ligase AMFR(AMFR) detection. Background: Autocrine motility factor receptor, isoform 2 is a protein that in humans is encoded by the AMFR gene. Autocrine motility factor is a tumor motility-stimulating protein secreted by tumor cells. The protein encoded by this gene is a glycosylated transmembrane protein and a receptor for autocrine motility factor. The receptor, which shows some sequence similarity to tumor protein p53, is localized to the leading and trailing edges of carcinoma cells. Its ligand, autocrine motility factor, is a tumor motility-stimulating protein secreted by tumor cells. The encoded receptor is also a member of the E3 ubiquitin ligase family of proteins. It catalyzes ubiquitination and endoplasmic reticulum-associated degradation of specific proteins.
References	1. Lee, Joon No; Zhang Xiangyu; Feramisco Jamison D; Gong Yi; Ye Jin (Nov 2008). "Unsaturated fatty acids inhibit proteasomal degradation of Insig-1 at a postubiquitination step". J. Biol. Chem. (United States)283 (48): 33772-83. 2. Watanabe H, Carmi P, Hogan V, Raz T, Silletti S, Nabi IR, Raz A (Aug 1991). "Purification of human tumor cell autocrine motility factor and molecular cloning of its receptor". J Biol Chem 266 (20): 13442-8.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21071001
NCBI GeneID	267
NCBI Accession #	NP_001135.3
NCBI GenBank Nucleotide #	NM_001144.5
UniProt Accession #	Q9UKV5; P26442; Q8IZ70
Molecular Weight	72,996 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase AMFR isoform c
NCBI Official Synonym Full Names	autocrine motility factor receptor
NCBI Official Symbol	AMFR
NCBI Official Synonym Symbols	GP78; RNF45
NCBI Protein Information	E3 ubiquitin-protein ligase AMFR
UniProt Protein Name	E3 ubiquitin-protein ligase AMFR
UniProt Gene Name	AMFR

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://www.aaabiotech.com/polyclonal/amfr-antibody-immunohistochemistry-western-blot-elisa/46822>