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Datasheet for ABIN7150981
anti-AMFR antibody (AA 485-643) (HRP)

Overview

Quantity:	100 µg
Target:	AMFR
Binding Specificity:	AA 485-643
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AMFR antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human E3 ubiquitin-protein ligase AMFR protein (485-643AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	AMFR
Alternative Name:	AMFR (AMFR Products)
Background:	Background: E3 ubiquitin-protein ligase that mediates the polyubiquitination of a number of proteins such as CD3D, CYP3A4, CFTR and APOB for proteasomal degradation. Component of

Target Details

a VCP/p97-AMFR/gp78 complex that participates in the final step of endoplasmic reticulum-associated degradation (ERAD). The VCP/p97-AMFR/gp78 complex is involved in the sterol-accelerated ERAD degradation of HMGCR through binding to the HMGCR-INSIG complex at the ER membrane and initiating ubiquitination of HMGCR. The ubiquitinated HMGCR is then released from the ER by the complex into the cytosol for subsequent destruction. Also regulates ERAD through the ubiquitination of UBL4A a component of the BAG6/BAT3 complex. Also acts as a scaffold protein to assemble a complex that couples ubiquitination, retranslocation and deglycosylation. Mediates tumor invasion and metastasis as a receptor for the GPI/autocrine motility factor.

Aliases: AMF receptor antibody, AMF receptor isoform 1 antibody, AMF receptor isoform 2 antibody, AMFR antibody, AMFR2_HUMAN antibody, Autocrine motility factor receptor antibody, Autocrine motility factor receptor precursor, isoform 1 antibody, Autocrine motility factor receptor precursor, isoform 2 antibody, E3 ubiquitin-protein ligase AMFR antibody, gp78 antibody, isoform 2 antibody, RING finger protein 45 antibody, RNF 45 antibody, RNF45 antibody

UniProt: [Q9UKV5](#)

Pathways: [ER-Nucleus Signaling](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.