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Datasheet for ABIN7151973

**anti-EDEM1 antibody (AA 46-128) (HRP)**

## Overview

Quantity:	100 µL
Target:	EDEM1
Binding Specificity:	AA 46-128
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EDEM1 antibody is conjugated to HRP
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human ER degradation-enhancing alpha-mannosidase-like protein 1 protein (46-128AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	EDEM1
Alternative Name:	EDEM1 ( <a href="#">EDEM1 Products</a> )
Background:	Background: Extracts misfolded glycoproteins, but not glycoproteins undergoing productive

## Target Details

folding, from the calnexin cycle. It is directly involved in endoplasmic reticulum-associated degradation (ERAD) and targets misfolded glycoproteins for degradation in an N-glycan-independent manner, probably by forming a complex with SEL1L. It has low mannosidase activity, catalyzing mannose trimming from Man8GlcNAc2 to Man7GlcNAc2.

Aliases: EDEM1 antibody, EDEM antibody, KIAA0212ER degradation-enhancing alpha-mannosidase-like protein 1 antibody

UniProt: [Q92611](#)

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.