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anti-Epsin 1 antibody (C-Term)

Images



Overview

Quantity:	100 μL
Target:	Epsin 1 (EPN1)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig, Cow, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Epsin 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human EPN1
Sequence:	AATPTPTPPT RKTPESFLGP NAALVDLDSL VSRPGPTPPG AKASNPFLPG
Predicted Reactivity:	Cow: 86%, Dog: 100%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against EPN1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Epsin 1 (EPN1)
Alternative Name:	EPN1 (EPN1 Products)

Target Details

Background:

EPN1 is an endocytic accessory protein that interacts with EPS15 (MIM 600051), the alpha subunit of the clathrin adaptor AP2 (AP2A1, MIM 601026), and clathrin (see MIM 118960), as well as with other accessory proteins for the endocytosis of clathrin-coated vesicles. EPN1 is an endocytic accessory protein that interacts with EPS15 (MIM 600051), the alpha subunit of the clathrin adaptor AP2 (AP2A1, MIM 601026), and clathrin (see MIM 118960), as well as with other accessory proteins for the endocytosis of clathrin-coated vesicles. [supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-19 AK022454.1 1-19

PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-19 AK022454.1 1-19 20-2430 BC044651.1 1-2411

Alias Symbols: -

Protein Interaction Partner: UBC, FLT4, TRIM63, PLEKHB2, DAZAP2, PHGDH, BCAR1, PTPN12, AP2B1, PIK3R1, FBXO25, VCAM1, ITGA4, FN1, EPS15, RNF11, LAPTM5, KDR, SMAD5, AP2A1, CDK1, AP1B1, REPS2, TFAP2A, EPN3, EHD2, UBQLN2, EHD1, NOTCH1, EGFR, DLL1, AP1M2, SCNN1G, SCNN1B, SCNN1A, OCLN, SLC

Protein Size: 550

Molecular Weight:	57 kDa
Gene ID:	29924
NCBI Accession:	NM_013333, NP_037465
UniProt:	Q9Y6I3
Pathways:	EGFR Signaling Pathway, EGFR Downregulation

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 550 AA
Restrictions:	For Research Use only

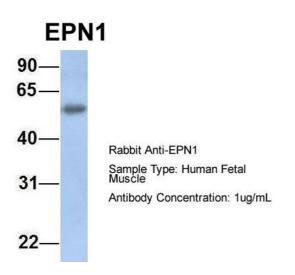
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %
	sucrose.

Handling

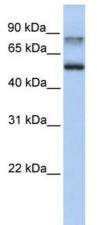
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. Host: Rabbit Target Name: EPN1 Sample Type: Human Fetal Muscle Antibody Dilution: 1.0ug/ml



Western Blotting

Image 2. WB Suggested Anti-EPN1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human Lung