

Datasheet for ABIN2785791
anti-EPS15 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	EPS15
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Pig, Dog, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPS15 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 EPS15
Sequence:	LDSPDPFKLN DPFQPFPGND SPKEKDPEIF CDPFTSATTT TNKEADPSNF
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 79%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against EPS15. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	EPS15
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Target Details

Alternative Name:	EPS15 (EPS15 Products)
Background:	<p>EPS15 is a protein that is part of the EGFR pathway. The protein is present at clatherin-coated pits and is involved in receptor-mediated endocytosis of EGF. Notably, this gene is rearranged with the HRX/ALL/MLL gene in acute myelogenous leukemias. This gene encodes a protein that is part of the EGFR pathway. The protein is present at clatherin-coated pits and is involved in receptor-mediated endocytosis of EGF. Notably, this gene is rearranged with the HRX/ALL/MLL gene in acute myelogenous leukemias. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized. 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.</p> <p>Alias Symbols: AF-1P, AF1P, MLLT5</p> <p>Protein Interaction Partner: TRIM63, UBC, GJA1, EPHA2, CORO7, RNF11, RABL6, OPTN, LAPTM5, VCAM1, ITGA4, FN1, Fcho2, Dab2, STON2, EPN1, AGFG1, EPS15, CRKL, CRK, AP2S1, AP2M1, AP2B1, AP1B1, AP2A2, AP2A1, ACTB, ABL1, NECAP1, SPG20, VPRBP, KRT75, IQGAP1, KRT36, KRT37, KRT38, CCT3, TRAF2,</p> <p>Protein Size: 896</p>
Molecular Weight:	99 kDa
Gene ID:	2060
NCBI Accession:	NM_001981 , NP_001972
UniProt:	P42566
Pathways:	EGFR Signaling Pathway , Regulation of Muscle Cell Differentiation , Skeletal Muscle Fiber Development , EGFR Downregulation

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 896 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific

Handling

Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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. WB Suggested Anti-EPS15 Antibody Titration:

0.2-1 ug/ml

Positive Control: 721_B cell lysate

Western Blotting

Image 2. WB Suggested Anti-EPS15

Antibody Titration: 0.2-1 µg/mL

Positive Control: 21_B cell lysate

EPS15 is supported by BioGPS gene expression data to be expressed in 721_B