Datasheet for ABIN184659

anti-Cortactin antibody (N-Term)

3 Images

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Overview

Quantity:	100 µg
Target:	Cortactin (CTTN)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Cortactin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Cortactin / EMS1
Immunogen:	Peptide with sequence WKASAGHAVSIA-C, from the N Terminus of the protein sequence according to NP_005222.2, NP_612632.1.
Sequence:	WKASAGHAVS IA
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_005222.2, NP_612632.1).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

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Target Details

Target:	Cortactin (CTTN)
Alternative Name:	CTTN (CTTN Products)
Background:	EMS1, CORTACTIN, ems1 sequence (mammary tumor and squamous cell carcinoma-associated (p80/85 src substrate), Cttn, oncogene EMS1, CTTN, FLJ34459, 1110020L01Rik
Gene ID:	2017, 13043
NCBI Accession:	NP_005222, NP_612632
Pathways:	MAPK Signaling

Application Details

Application Notes:	Western Blot: Approx. 80 kDa band observed in Human, Mouse and Rat Brain lysates and in lysates of cell line HEK293 (calculated MW of 61.6 kDa according to Human NP_005222.2 and of 61.2 kDa according to Mouse NP_031829.2). The observed molecular weight corr Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

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Western Blotting

Image 1. ABIN184659 (0.1µg/ml) staining of Human Brain (Cerebellum) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence

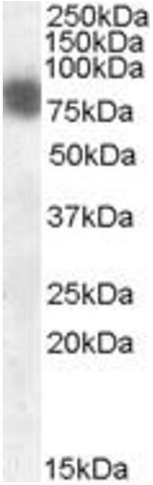

Image 2. ABIN184659 (0.01µg/ml) staining of Mouse Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Western Blotting

Image 3. ABIN184659 (0.03µg/ml) staining of HEK293 cell lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence

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