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Datasheet for ABIN967983 anti-EEA1 antibody (AA 3-281)

4 Images

5 Publications



Overview

Quantity:	150 µg
Target:	EEA1
Binding Specificity:	AA 3-281
Reactivity:	Human, Rat, Dog, Chicken
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EEA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	Human EEA1 aa. 3-281
Clone:	14-EEA1
Isotype:	lgG1
Cross-Reactivity:	Rat (Rattus), Chicken, Dog (Canine)
Characteristics:	1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
	2. Please refer to us for technical protocols.
	3. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide
	compounds in running water before discarding to avoid accumulation of potentially explosive
	deposits in plumbing.
	4. Source of all serum proteins is from USDA inspected abattoirs located in the United States.

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Product Details	
Purification:	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity
	chromatography.

Target Details

EEA1 (EEA1 Products)
EEAT (EEAT Products)
Early endosomes are a major cytoplasmic sorting compartment from which receptors and
ligands may be distributed to various sites within the cell. Early endosome antigen 1 (EEA1) is a
180 kDa hydrophilic peripheral membrane protein present in cytosol and membrane fractions.
Immunofluorescence studies show that EEA1 colocalizes to early endosomes with transferrin
receptor and Rab5, but not with the late endosome-localizing Rab7. EEA1 is predominantly
alpha-helical and shares 17-20% sequence identity with the myosins. It contains a calmodulin-
binding IQ motif and metal-binding cysteine finger motifs. It is thought that EEA1 is required for
vesicular transport of proteins through early endosomes and that these finger motifs are
required for this activity. This antibody is routinely tested by western blot analysis.
180 kDa
Toll-Like Receptors Cascades
Related Products: ABIN968545, ABIN967389
For Research Use only
Liquid
250 μg/mL
Aqueous buffered solution containing BSA, glycerol, and ≤0.09 % sodium azide.
Sodium azide
This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
should be handled by trained staff only.
-20 °C
Store undiluted at -20° C.

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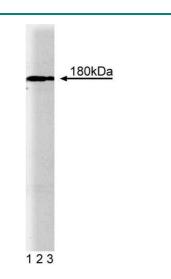
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Images



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Images



Western Blotting

Image 2. Western blot analysis of EEA1 on rat brain lysate. Lane 1: 1:2500, lane 2: 1:5000, lane 3: 1:10000 dilution of anti-EEA1 antibody.



Image 3. Immunostaining on Human Smooth Muscle

Please check the product details page for more images. Overall 4 images are available for ABIN967983.

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