

For Research Use Only

# EEA1 Recombinant antibody, PBS Only

Catalog Number: 81245-1-PBS

Featured Product



## Basic Information

Catalog Number:

81245-1-PBS

Size:

100ug, Concentration: 1 mg/ml by  
Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG28814

GenBank Accession Number:

NM\_003566

GeneID (NCBI):

8411

UNIPROT ID:

Q15075

Full Name:

early endosome antigen 1

Calculated MW:

162 kDa

Observed MW:

162 kDa

Purification Method:

Protein A purification

CloneNo.:

2C11

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

Early endosome antigen 1 (EEA1) is a marker of early endosomes and has an important role in endosomal trafficking. EEA1 contains coiled-coil regions and an FYVE-type zinc finger which interacts with phosphatidylinositol-3-phosphate. EEA1 functions as a Rab5 effector, mediates endosome docking and, together with SNAREs, leads to membrane fusion.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

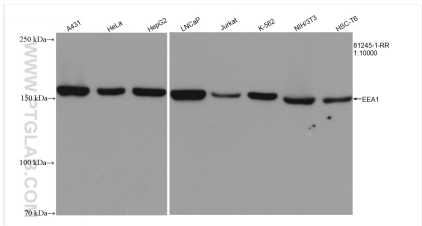
For technical support and original validation data for this product please contact:

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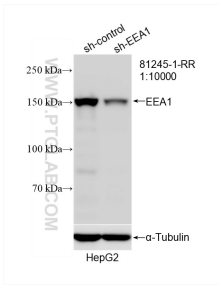
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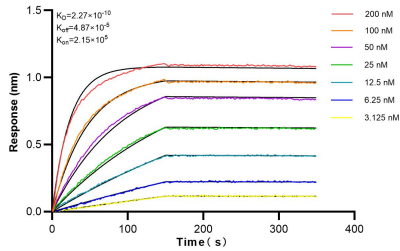
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 81245-1-RR (EEA1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 81245-1-PBS in a different storage buffer formulation.



WB result of EEA1 antibody (81245-1-RR; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EEA1 transfected HepG2 cells. This data was developed using the same antibody clone with 81245-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 81245-1-RR against Human EEA1 were performed. The affinity constant is 0.227 nM.