



# Anti-EEA1 (aa 1312-1411) polyclonal antibody (DPAB-DC3462)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	EEA1 (early endosome antigen 1) is a protein-coding gene. Diseases associated with EEA1 include subacute cutaneous lupus erythematosus, and cat-scratch disease, and among its related super-pathways are Clathrin-dependent protein traffic and Delta508-CFTR traffic / Sorting endosome formation in CF. GO annotations related to this gene include protein homodimerization activity and 1-phosphatidylinositol binding. An important paralog of this gene is FYCO1.
<b>Immunogen</b>	EEA1 (NP_003557, 1312 a.a. ~ 1411 a.a) partial recombinant protein with GST tag. The sequence is KVLELQQRKLDNTTAAVQELGRENQSLQIKHTQALNRKWAEDNEVQNCMACGKGFSVTVRR HHCRQCGNIFCAECSAKNALTPSSKKPVRVCDACFNDLQG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate), WB (Cell lysate), WB (Cell lysate), WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">EEA1 early endosome antigen 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	EEA1
<b>Synonyms</b>	EEA1; early endosome antigen 1; MST105; ZFYVE2; MSTP105; early endosome antigen 1, 162kD; endosome-associated protein p162; early endosome-associated protein; zinc finger FYVE domain-containing protein 2;
<b>Entrez Gene ID</b>	<a href="#">8411</a>
<b>Protein Refseq</b>	<a href="#">NP_003557</a>
<b>UniProt ID</b>	<a href="#">Q15075</a>
<b>Chromosome Location</b>	12q22
<b>Pathway</b>	Endocytosis; Immune System; Phagosome; Toll Like Receptor 9 (TLR9) Cascade
<b>Function</b>	1-phosphatidylinositol binding; GTP-dependent protein binding; calmodulin binding; protein binding