



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

Antigen Description	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.
Immunogen	EEA1 (NP_003557, 1312 a.a. ~ 1411 a.a) partial recombinant protein with GST tag. The sequence is KVLELQRKLDNTTAAVQELGRENQSLQIKHTQALNRKWAEDNEVQNCMACGKGFSVTVRR HHCRQCGNIFCAECSAKNALTPSSKKPVRVCDACFNDLQG
Source/Host	Mouse
Species Reactivity	Human, Mouse, Rat
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Cell lysate), WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	EEA1 early endosome antigen 1 [Homo sapiens (human)]
Official Symbol	EEA1
Synonyms	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;
Entrez Gene ID	8411
Protein Refseq	NP_003557
UniProt ID	Q15075
Chromosome Location	12q22
Pathway	Endocytosis; Immune System; Phagosome; Toll Like Receptor 9 (TLR9) Cascade
Function	1-phosphatidylinositol binding; GTP-dependent protein binding; calmodulin binding; protein binding
