



Anti-COPE monoclonal antibody (DCABH-11090)

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

PRODUCT INFORMATION

Antigen Description	The product of this gene is an epsilon subunit of coatamer protein complex. Coatamer is a cytosolic protein complex that binds to dilysine motifs and reversibly associates with Golgi non-clathrin-coated vesicles. It is required for budding from Golgi membranes, and is essential for the retrograde Golgi-to-ER transport of dilysine-tagged proteins. Coatamer complex consists of at least the alpha, beta, beta, gamma, delta, epsilon and zeta subunits. Alternatively spliced transcript variants encoding different isoforms have been identified.
Immunogen	A synthetic peptide of human COPE is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	COPE coatomer protein complex, subunit epsilon [Homo sapiens]
Official Symbol	COPE
Synonyms	COPE; coatomer protein complex, subunit epsilon; coatomer subunit epsilon; epsilon COP; epsilon coat protein; epsilon-coat protein; coatomer epsilon subunit; epsilon-COP; FLJ13241;
Entrez Gene ID	11316
Protein Refseq	NP_009194
UniProt ID	O14579
Chromosome Location	19p13.11
Pathway	COPI Mediated Transport, organism-specific biosystem; Golgi to ER Retrograde Transport, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem;
Function	binding; structural molecule activity;