



# EDC4 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-05574
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	EDC4 HEDLS
<b>Protein Name</b>	Enhancer of mRNA-decapping protein 4 (Autoantigen Ge-1) (Autoantigen RCD-8) (Human enhancer of decapping large subunit) (Hedls)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	EDC4 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	154kD
<b>Cell Pathway</b>	Cytoplasm, P-body . Nucleus .
<b>Tissue Specificity</b>	Duodenum,Epithelium,Skin,Testis,Trachea,
<b>Function</b>	function:In the process of mRNA degradation, seems to play a role in mRNA decapping. Component of a complex containing DCP2 and DCP1A which functions in decapping of ARE-containing mRNAs. Promotes complex formation between DCP1A and DCP2. Enhances the catalytic activity of DCP2 (in vitro).,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the WD repeat EDC4 family.,similarity:Contains 4 WD repeats.,subunit:Part of a decapping complex consisting of DCP1A, DCP2, EDC3, EDC4 and probably DDX6. Part of a complex consisting of DCP1A, EDC3, EDC4 and DDX6. Part of a complex consisting of DCP1B, EDC3, EDC4 and DDX6. Interacts with DCP2.,
<b>Background</b>	function:In the process of mRNA degradation, seems to play a role in mRNA decapping. Component of a complex containing DCP2 and DCP1A which functions in decapping of ARE-containing mRNAs. Promotes complex formation between DCP1A and DCP2. Enhances the catalytic activity of DCP2 (in vitro).,PTM:Phosphorylated upon DNA damage, probably by ATM or



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**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images