



# ACAP2 Monoclonal Antibody

<b>Catalog No</b>	YP-mAb-05447
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	ACAP2 CENTB2 KIAA0041
<b>Protein Name</b>	Arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 2 (Centaurin-beta-2) (Cnt-b2)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	ACAP2 Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-1:2000
<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>	85kD
<b>Cell Pathway</b>	Endosome membrane ; Peripheral membrane protein .
<b>Tissue Specificity</b>	Widely expressed. Highest level in lung.
<b>Function</b>	enzyme regulation:GAP activity stimulated by phosphatidylinositol 4,5-bisphosphate (PIP2) and phosphatidic acid.,function:GTPase-activating protein (GAP) for ADP ribosylation factor 6 (ARF6).,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 Arf-GAP domain.,similarity:Contains 1 BAR domain.,similarity:Contains 1 PH domain.,similarity:Contains 3 ANK repeats.,tissue specificity:Widely expressed. Highest level in lung.,
<b>Background</b>	enzyme regulation:GAP activity stimulated by phosphatidylinositol 4,5-bisphosphate (PIP2) and phosphatidic acid.,function:GTPase-activating protein (GAP) for ADP ribosylation factor 6 (ARF6).,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 Arf-GAP domain.,similarity:Contains 1 BAR domain.,similarity:Contains 1 PH domain.,similarity:Contains 3 ANK repeats.,tissue specificity:Widely expressed. Highest level in lung.,

**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**