



RAI14 mouse mAb

Catalog No	YP-mAb-17971
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	RAI14 KIAA1334 NORPEG
Immunogen	Synthesized peptide derived from human RAI14
Specificity	This antibody detects endogenous levels of RAI14 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	retinoic acid induced 14;RAI13;NORPEG;KIAA1334;Ankyrin repeat and coiled-coil structure-containing protein;RAI14;RAI14 KIAA1334 NORPEG;Ankyrcorbin (Ankyrin repeat and coiled-coil structure-containing protein) (Novel retinal pigment epithelial cell protein) (Retinoic acid-induced protein 14)
Observed Band	110 kDa
Calculated Molecular Weight	980 aa, 110 kDa
Cell Pathway	Cytoplasm, cytoskeleton . Cytoplasm, cytoskeleton, stress fiber . Cytoplasm, cell cortex . Cell junction . Nucleus . Associated with the cortical actin cytoskeleton structures in terminal web and cell-cell adhesion sites (By similarity). Highly expressed at the ectoplasmic specialization, an actin-rich cell junction specific to the testis (By similarity). Predominantly nuclear in nonconfluent cells (PubMed:16729964). .
Tissue Specificity	Highly expressed in placenta, muscle, kidney and testis. Moderately expressed in heart, brain, lung, liver and intestine. Isoform 2 is widely expressed and expressed in fetal and adult testes, and spermatozoa.
Function	Plays a role in actin regulation at the ectoplasmic specialization, a type of cell junction specific to testis. Important for establishment of sperm polarity and normal spermatid adhesion. May also promote integrity of Sertoli cell tight



junctions at the blood-testis barrier.

Background

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