



Centrobin Polyclonal Antibody

Catalog No	YP-Ab-03096
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	CNTROB
Immunogen	The antiserum was produced against synthesized peptide derived from human CNTROB. AA range:591-640
Specificity	Centrobin Polyclonal Antibody detects endogenous levels of Centrobin protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/5000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	983165K3Rik;Centrobin;centrosomal BRCA2 interacting protein;Centrosomal BRCA2-interacting protein;CNTRB_HUMAN;Cntrob;LIP8;LYST interacting protein 8;LYST-interacting protein 8;LYST-interacting protein LIP8;PP1221;RGD137488;RP23 26L6.9
Observed Band	100kD
Calculated Molecular Weight	100kD
Cell Pathway	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole . Centriole-associated, asymmetrically localizes to the daughter centriole.
Tissue Specificity	Widely expressed (at protein level). Highly expressed in testis. Also expressed in spleen, thymus, prostate, small intestine, colon and peripheral blood leukocytes.
Function	developmental stage:Preferentially incorporated into the newly assembled daughter centriole during centriole assembly at the late G1 or early S phase. Remains in the daughter centrioles throughout the cell cycle. At the next cycle of centriole duplication, its amount on the original daughter centriole eventually decreases.,function:Required for centriole duplication. Inhibition of centriole duplication leading to defects in cytokinesis.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,sequence caution:Wrong choice of frame.,



subcellular location:Centriole-associated, asymmetrically localizes to the daughter centriole.,subunit:Interacts with LYST.,tissue specificity:Widely expressed (at protein level). Highly expressed in testis. Also expressed in spleen, thymus, prostate, small intestine, colon and peripheral blood leukocytes.,

Background

This gene encodes a centrosomal protein that interacts with BRCA2, and is required for centriole duplication and cytokinesis. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2011],

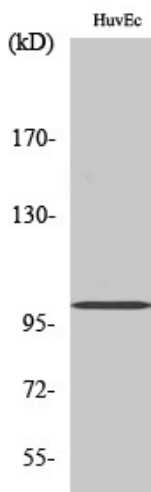
matters needing attention

Avoid repeated freezing and thawing!

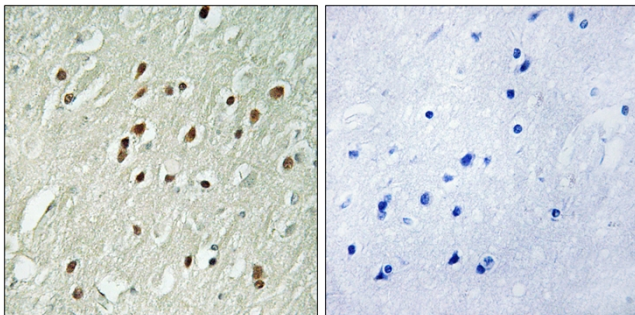
Usage suggestions

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

Products Images



Western Blot analysis of various cells using Centrobins Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human brain, using CNTROB Antibody. The picture on the right is blocked with the synthesized peptide.