

Centrobin Polyclonal Antibody

Catalog No :	YT0855
Reactivity :	Human;Mouse
Applications :	WB;IHC;IF;ELISA
Target :	Centrobin
Gene Name :	CNTROB
Protein Name :	Centrobin
Human Gene Id :	116840
Human Swiss Prot No :	Q8N137
Mouse Swiss Prot No :	Q8CB62
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
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:5000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	100kD

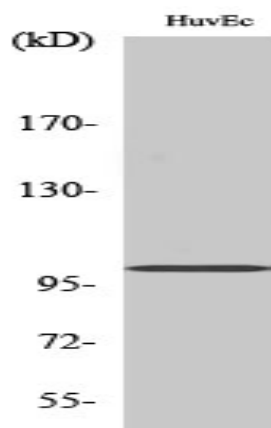
Background : This gene encodes a centrosomal protein that interacts with BRCA2, and is required for centriole duplication and cytokinesis. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2011],

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.,

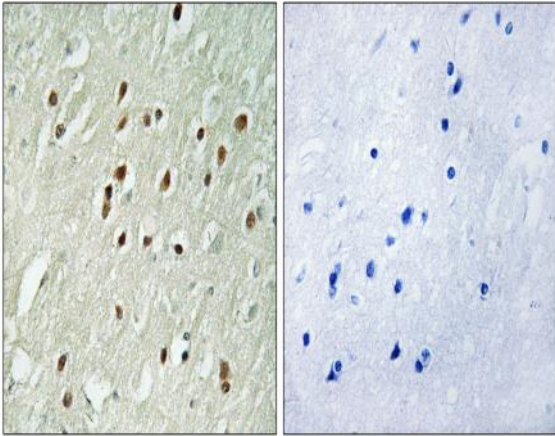
Subcellular Location : Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole . Centriole-associated, asymmetrically localizes to the daughter centriole.

Expression : Widely expressed (at protein level). Highly expressed in testis. Also expressed in spleen, thymus, prostate, small intestine, colon and peripheral blood leukocytes.

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.