

Summary

Production Name	Centrobin Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	CNTROB
Alternative Names	CNTROB; LIP8; PP1221; Centrobin; Centrosomal BRCA2-interacting protein; LYST-interacting protein 8
Gene ID	116840.0
SwissProt ID	Q8N137.The antiserum was produced against synthesized peptide derived from human CNTROB. AA range:591-640

Application

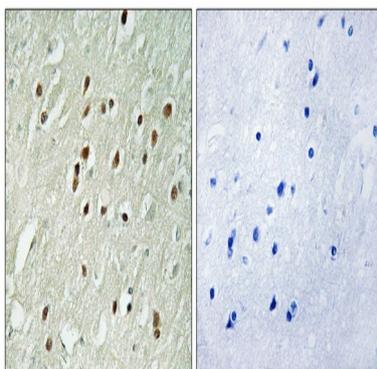
Dilution Ratio	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:5000..
Molecular Weight	100kD

Background

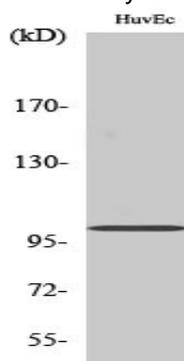
This gene encodes a centrosomal protein that interacts with BRCA2, and is required for centriole duplication and cytokinesis. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2011],developmental stage:Preferentially incorporated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

Research Area

Image Data



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



Western Blot analysis of various cells using Centrobin Polyclonal Antibody

Product Name: Centrobin Rabbit Polyclonal Antibody
Catalog #: APRab08657



Note

For research use only.