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Anti-CNTROB Antibody

Catalog # AP53335

Product Information

Application	WB, IHC
Primary Accession	Q8N137
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	101253

Additional Information

Gene ID	116840
Other Names	LIP8; Centrobin; Centrosomal BRCA2-interacting protein; LYST-interacting protein 8
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CNTROB. The exact sequence is proprietary.
Dilution	WB~~ 1:1000 IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

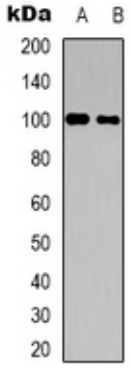
Protein Information

Name	CNTROB
Synonyms	LIP8
Function	Required for centriole duplication. Inhibition of centriole duplication leading to defects in cytokinesis.
Cellular Location	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole Note=Centriole-associated, asymmetrically localizes to the daughter centriole
Tissue Location	Widely expressed (at protein level). Highly expressed in testis. Also expressed in spleen, thymus, prostate, small intestine, colon and peripheral blood leukocytes

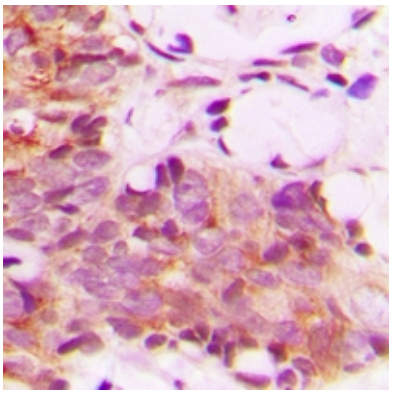
References

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Bechtel S.,et al.BMC Genomics 8:399-399(2007).
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Images



Western blot analysis of CNTROB expression in HepG2 (A), HUVEC (B) whole cell lysates. (Predicted band size: 101 kD; Observed band size: 100 kD)



Immunohistochemical analysis of CNTROB staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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