

## **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:

**Mouse Swiss Prot** 

No:

Immunogen:

Q8CB62

Q8N137

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

1/3



**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.

Sort:

3846

No4:

1

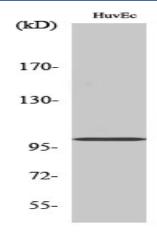
Host:

Rabbit

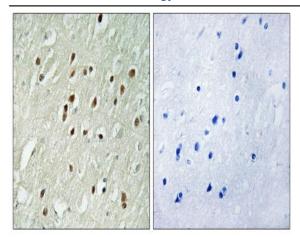
**Modifications:** 

Unmodified

## **Products Images**



Western Blot analysis of various cells using Centrobin Polyclonal Antibody



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