003216589045 (EU)
0203393 8531 (UK)
(408)780-0908 (US)
info@gentaur.com
www.caslab.com

CASC5 Polyclonal Antibody

Cat #: G-AB-08059

Host: Rabbit **Reactivity:** Human, Rat

Isotype: IgG **Clonality:**

Overview:
The protein encoded by this gene is a component of the multiprotein assembly that is required for creation of kinetochore-microtubule attachments and chromosome segregation. The encoded protein functions as a scaffold for proteins that influence the spindle assembly checkpoint during the eukaryotic cell cycle and it interacts with at least five different kinetochore proteins and two checkpoint kinases. In adults, this gene is predominantly expressed in normal testes, various cancer cell lines and primary tumors from other tissues and is ubiquitously expressed in fetal tissues. This gene was originally identified as a fusion partner with the mixed-lineage leukemia (MLL) gene in t(11;15)(q23;q14). Mutations in this gene cause autosomal recessive primary microcephaly-4 (MCPH4). Alternative splicing results in multiple transcript variants encoding different isoforms. Additional splice variants have been described but their biological validity has not been confirmed.

Gene ID: 57082

Accession #:

Immunogen: Recombinant fusion protein of human CASC5 (NP_733468.3).

Conjugation: Unconjugated

Swissprot: Q8NG31

Calculated Molecular Weight: 195 kDa/205 kDa/262 kDa/265 kDa

Observed Molecular Weight: 300 kDa

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3

Purification Method: Affinity purification

Application: WB,IHC

Dilution: WB 1:500-1:2000 IHC 1:50-1:100

Storage: Store at -20°C. Avoid freeze / thaw cycles.