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CDC123 Antibody

Rabbit mAb
Catalog # AP92486

Product Information

Application	WB, FC, IP
Primary Accession	O75794
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	C10orf7; CDC123; Cell division cycle 123; D123; HT 1080; PZ32;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	39135

Additional Information

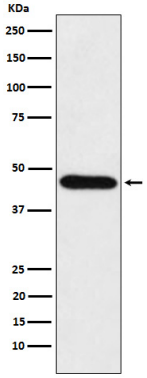
Dilution	WB 1:500~1:2000 IP 1:50 FC 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human CDC123
Description	Required for S phase entry of the cell cycle.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	CDC123
Synonyms	C10orf7, D123
Function	ATP-dependent protein-folding chaperone for the eIF2 complex (PubMed:35031321, PubMed:37507029). Binds to the gamma subunit of the eIF2 complex which allows the subunit to assemble with the alpha and beta subunits (By similarity).
Cellular Location	Cytoplasm {ECO:0000250|UniProtKB:Q62834}.
Tissue Location	Widely expressed. Expressed in spleen, thymus, prostate, testis, ovary, small intestine, colon and leukocytes with the highest expression in testis.

Images

Western blot analysis of CDC123 expression in HeLa cell lysate.



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