

[KO]CDC123 Rabbit mAb

Catalog # AP76431

Product Information

Application	WB, FC
Primary Accession	O75794
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	39135

Additional Information

Gene ID	8872
Other Names	CDC123
Dilution	WB~~1:1000-1:5000 FC~~1:10-1:100
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

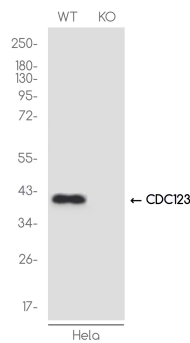
Protein Information

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.

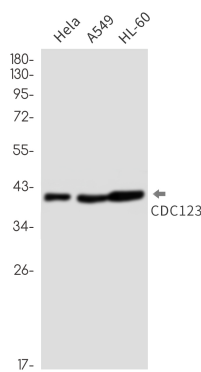
Background

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).

Images



Western blot analysis of CDC123 in HeLa(WT) and CDC123-Knockout HeLa(KO) using CDC123 antibody.



Western blot analysis of CDC123 in HeLa, A549, HL-60 lysates using CDC123 antibody.

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