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NCE2 Rabbit mAb

Catalog # AP75772

Product Information

Application	WB, IHC-P, FC
Primary Accession	Q969M7
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	21077

Additional Information

Gene ID	140739
Other Names	UBE2F
Dilution	WB~~1:500-1:1000 IHC-P~~N/A FC~~1:100-1:200
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.

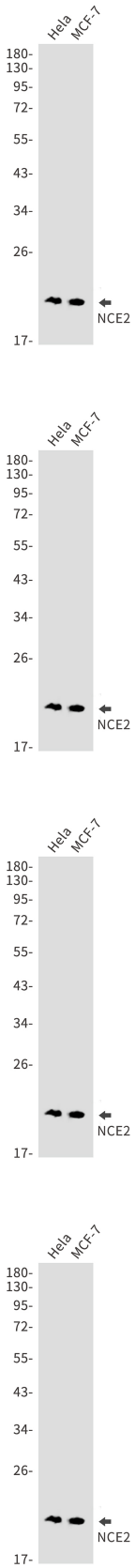
Protein Information

Name	UBE2F
Synonyms	NCE2
Function	Accepts the ubiquitin-like protein NEDD8 from the UBA3-NAE1 E1 complex and catalyzes its covalent attachment to other proteins (PubMed:19250909, PubMed:23201271). Together with the E3 ubiquitin ligase RNF7/RBX2, specifically neddylates cullin-5 (CUL5) (PubMed:19250909, PubMed:23201271, PubMed:23300442). Does not neddylate CUL1, CUL2, CUL3, CUL4A or CUL4B (PubMed:19250909, PubMed:23201271). Mediates neddylation of the CUL9-RBX1 complex (PubMed:38605244).
Tissue Location	Widely expressed (at protein level).

Background

Accepts the ubiquitin-like protein NEDD8 from the UBA3-NAE1 E1 complex and catalyzes its covalent attachment to other proteins. The specific interaction with the E3 ubiquitin ligase RBX2, but not RBX1, suggests that the RBX2-UBE2F complex neddylates specific target proteins, such as CUL5.

Images



Western blot analysis of NCE2 in Hela, MCF-7 lysates using NCE2 antibody.

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