

# NCE2 Rabbit pAb

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Catalog # AP58982

## Product Information

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<b>Application</b>	WB, IHC-P, IHC-F, IF, E
<b>Primary Accession</b>	<a href="#">Q969M7</a>
<b>Predicted</b>	Human, Mouse, Rat, Chicken, Dog, Pig, Horse, Rabbit
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	21077
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human NCE2
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SIMILARITY</b>	Belongs to the ubiquitin-conjugating enzyme family. UBE2F subfamily.
<b>SUBUNIT</b>	Interacts with UBA3 and RBX2.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	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.

## Additional Information

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<b>Gene ID</b>	140739
<b>Other Names</b>	NEDD8-conjugating enzyme UBE2F, 2.3.2.34, NEDD8 carrier protein UBE2F, NEDD8 protein ligase UBE2F, NEDD8-conjugating enzyme 2, RING-type E3 NEDD8 transferase UBE2F, Ubiquitin-conjugating enzyme E2 F, UBE2F, NCE2
<b>Target/Specificity</b>	Widely expressed.
<b>Dilution</b>	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

## Protein Information

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

## Background

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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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.