

Goat Anti-NCE2 / UBE2F Antibody
Peptide-affinity purified goat antibody
Catalog # AF2178a**Specification**

Goat Anti-NCE2 / UBE2F Antibody - Product Information

Application	WB, IHC, E
Primary Accession	Q969M7
Other Accession	NP_542409 , 140739 , 67921 (mouse) , 363284 (rat)
Reactivity	Human, Mouse
Predicted	Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	21077

Goat Anti-NCE2 / UBE2F Antibody - Additional Information**Gene ID** 140739**Other Names**

NEDD8-conjugating enzyme UBE2F, 6.3.2.-, NEDD8 carrier protein UBE2F, NEDD8 protein ligase UBE2F, NEDD8-conjugating enzyme 2, Ubiquitin-conjugating enzyme E2 F, UBE2F, NCE2

DilutionWB~~1:1000
IHC~~1:100~500
E~~N/A**Format**

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-NCE2 / UBE2F Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-NCE2 / UBE2F Antibody - 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).

Goat Anti-NCE2 / UBE2F Antibody - Protocols

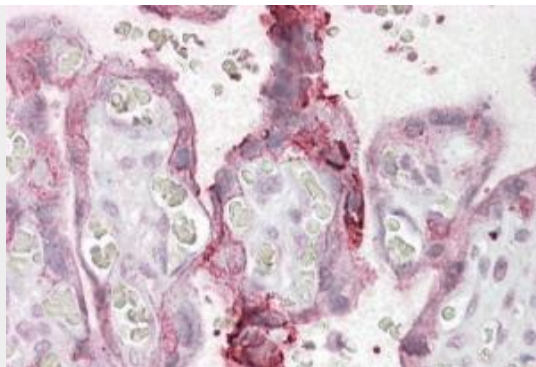
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-NCE2 / UBE2F Antibody - Images



AF2178a (0.05 µg/ml) staining of Mouse Liver lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



In paraffin embedded Human Placenta shows membrane staining in trophoblasts-. Recommended concentration, 2.5-3.8 µg/ml.

Goat Anti-NCE2 / UBE2F Antibody - References

E2-RING expansion of the NEDD8 cascade confers specificity to cullin modification. Huang DT, et al. Mol Cell, 2009 Feb 27. PMID 19250909.

Generation and annotation of the DNA sequences of human chromosomes 2 and 4. Hillier LW, et al. Nature, 2005 Apr 7. PMID 15815621.

The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.

Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.