

UBC3B Antibody (N-Term)
Peptide-affinity purified goat antibody
Catalog # AF2301a**Specification**

UBC3B Antibody (N-Term) - Product Information

Application	IHC, E, IEM
Primary Accession	Q712K3
Other Accession	NP_060281 , 54926 , 67615 (mouse)
Reactivity	Human, Rat
Predicted	Mouse
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	27166

UBC3B Antibody (N-Term) - Additional Information**Gene ID** 54926**Other Names**

Ubiquitin-conjugating enzyme E2 R2, 6.3.2.19, Ubiquitin carrier protein R2, Ubiquitin-conjugating enzyme E2-CDC34B, Ubiquitin-protein ligase R2, UBE2R2, CDC34B, UBC3B

Dilution

IHC~~1:100~500

E~~N/A

IEM~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 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

UBC3B Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

UBC3B Antibody (N-Term) - Protein Information**Name** UBE2R2**Synonyms** CDC34B, UBC3B

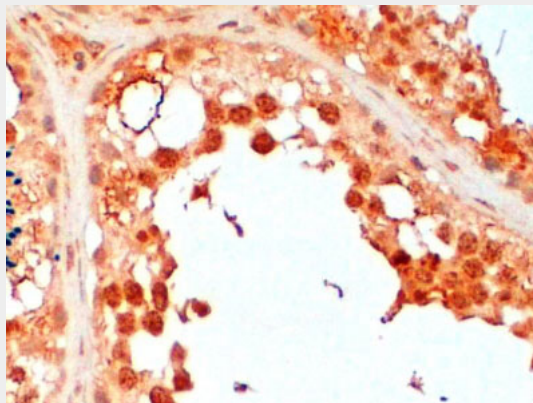
Function

E2 ubiquitin-conjugating enzyme that accepts ubiquitin from an E1 ubiquitin-activating protein, and catalyzes its covalent attachment to other proteins by an E3 ubiquitin-protein ligase complex (PubMed:12037680, PubMed:20061386, PubMed:38326650). In vitro catalyzes monoubiquitination and 'Lys-48'-linked polyubiquitination (PubMed:12037680, PubMed:20061386, PubMed:38326650). Works in collaboration with various Cul1-RING and Cul2-RING E3 ligase complexes (PubMed:38326650). May be involved in degradation of katenin (PubMed:12037680).

UBC3B Antibody (N-Term) - 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](#)

UBC3B Antibody (N-Term) - Images

AF2301a (2 µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.

UBC3B Antibody (N-Term) - References

CK2-dependent phosphorylation of the E2 ubiquitin conjugating enzyme UBC3B induces its interaction with beta-TrCP and enhances beta-catenin degradation. Semplici F, Meggio F, Pinna LA, Oliviero S. Oncogene. 2002 Jun 6;21(25):3978-87. PMID: 12037680