

Product datasheet for **AP31108PU-N**

UBC3B (UBE2R2) (N-term) Goat Polyclonal Antibody

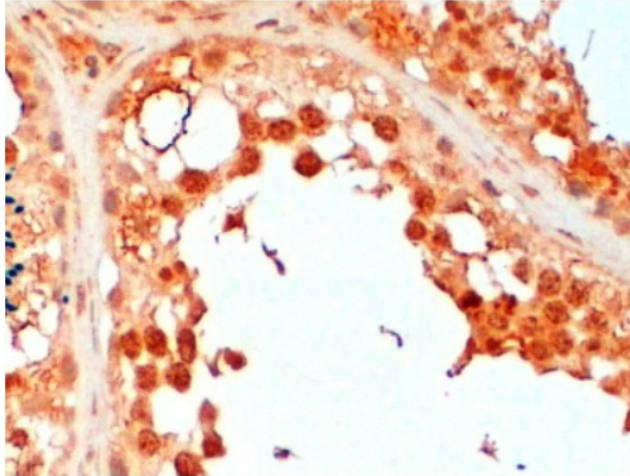
Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, EM, IHC
Recommended Dilution:	Peptide ELISA: 1/4000 (Detection Limit). Western Blot: No signal obtained yet but low background observed in Human Testis and U937 lysates at up to 1 µg/ml. Immunoelectron Microscopy: This product stained chromatoid bodies in Rat spermatids. Immunohistochemistry on Paraffin Sections: 2-4 µg/ml. In paraffin embedded Human Testis shows textured nuclear staining of the primary spermatocytes.
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence from the N Terminus of the protein sequence according to NP_060281.
Specificity:	Recognizes UBC3B.
Formulation:	Tris saline, pH~7.3 with 0.02% Sodium Azide and 0.5% BSA State: Aff - Purified State: Liquid purified Ig fraction Stabilizer: 0.5% BSA Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Ammonium Sulphate Precipitation followed by Antigen Affinity Chromatography using the immunizing peptide
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	ubiquitin conjugating enzyme E2 R2
Database Link:	Entrez Gene 54926 Human Q712K3



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- Background:** Protein kinase CK2 is a ubiquitous and pleiotropic Ser/Thr protein kinase involved in cell growth and transformation. This gene encodes a protein similar to the E2 ubiquitin conjugating enzyme UBC3/CDC34. Studies suggest that CK2-dependent phosphorylation of this ubiquitin-conjugating enzyme functions by regulating beta-TrCP substrate recognition and induces its interaction with beta-TrCP, enhancing beta-catenin degradation.
- Synonyms:** Ubiquitin-conjugating enzyme E2 R2, Ubiquitin-protein ligase R2, Ubiquitin carrier protein R2, E2-CDC34B, CDC34B, UBC3B
- Protein Pathways:** Ubiquitin mediated proteolysis

Product images:

Paraffin Embedded Human Testis stained with UBE2R2 Antibody at 2 ug/ml. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.