

## ARG63591 anti-UBE2K antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes UBE2K
Tested Reactivity	Hu
Predict Reactivity	Ms, Cow, Dog, Pig
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognise isoform 1 (NP_005330.1), isoform 2 (NP_001104582.1) and isoform 3 (NP_001104583.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	UBE2K
Species	Human
Immunogen	C-SWDVETATELLLSN
Conjugation	Un-conjugated
Alternate Names	25K; EC 6.3.2.19; LIG; Ubiquitin-conjugating enzyme E2 K; Ubiquitin-conjugating enzyme E2; UBC1; Huntingtin-interacting protein 2; E2-25K; Ubiquitin-conjugating enzyme E2-25 kDa; Ubiquitin-protein ligase; Ubiquitin-conjugating enzyme E2-25K; HYPG; HIP-2; Ubiquitin carrier protein; HIP2

### Application Instructions

Application table	Application	Dilution
	IHC-P	1 - 2 µg/ml
	WB	1 - 3 µg/ml

**Application Note**  
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).  
WB: Recommend incubate at RT for 1h.  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

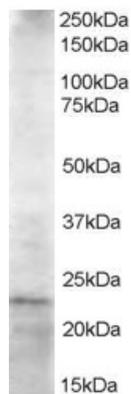
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

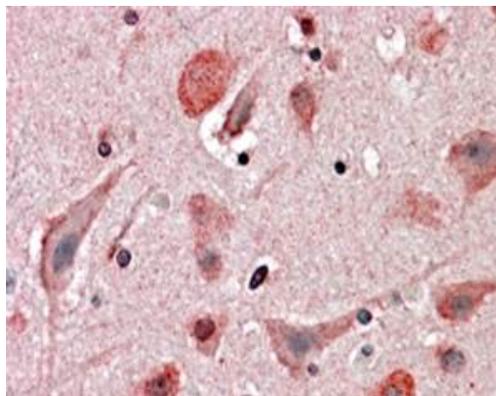
Database links	<a href="#">GeneID: 3093 Human</a> <a href="#">Swiss-port # P61086 Human</a>
Background	The protein encoded by this gene belongs to the ubiquitin-conjugating enzyme family. This protein interacts with RING finger proteins, and it can ubiquitinate huntingtin, the gene product for Huntington's disease. Known functions for this protein include a role in aggregate formation of expanded polyglutamine proteins and the suppression of apoptosis in polyglutamine diseases, a role in the dislocation of newly synthesized MHC class I heavy chains from the endoplasmic reticulum, and involvement in foam cell formation. Multiple transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]
Research Area	Cell Biology and Cellular Response antibody; Gene Regulation antibody; Neuroscience antibody
Calculated Mw	22 kDa
PTM	Sumoylation at Lys-14 impairs catalytic activity.

## Images



ARG63591 anti-UBE2K antibody WB image

Western blot: Jurkat lysate (RIPA buffer, 35 µg total protein per lane) stained with ARG63591 anti-UBE2K antibody at 1.5 µg/ml dilution.



ARG63591 anti-UBE2K antibody IHC-P image

Immunohistochemistry: Paraffin embedded Human Cortex. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG63591 anti-UBE2K antibody at 3.8 µg/ml dilution followed by AP-staining.