

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-SWDVETATELLSN
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

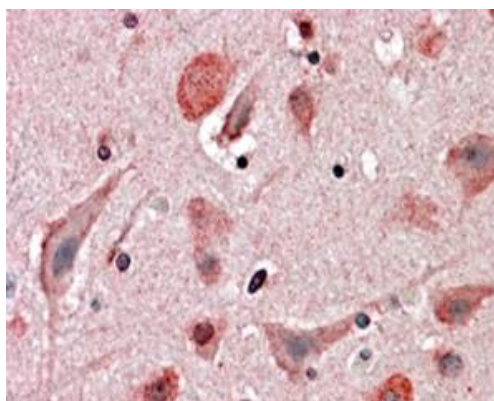
Database links	GeneID: 3093 Human Swiss-port # P61086 Human
Background	The protein encoded by this gene belongs to the ubiquitin-conjugating enzyme family. This protein interacts with RING finger proteins, and it can ubiquitinate huntingtin, the gene product for Huntington's disease. Known functions 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.