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Ube2L6 Rabbit pAb

Catalog # AP98811

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	O14933
Other Accession	O14933
Reactivity	Rat
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17769
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Ube2L6
Epitope Specificity	21-120/153
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the ubiquitin-conjugating enzyme family.
SUBUNIT	Interacts with RNF19A, RNF19B and RNF144B. Interacts with FLT3 (tyrosine phosphorylated).
Post-translational modifications	ISGylated.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Ubiquitin is an abundant, highly conserved protein found in all eukaryotic cells, either free or covalently attached to cellular proteins. The primary function of ubiquitin in mammalian systems is to clear abnormal, foreign, and improperly folded proteins by targeting them for proteosome degradation. Ubiquitin conjugating enzyme 8 (UBC8) is an E2 enzyme involved in the ubiquitin pathway for protein degradation. Like other E2 enzymes, UBC8 forms a thioester bond with ubiquitin in an E1-dependent manner. UBC8 binds to the human homolog of Drosophila ariadne (HHARI) and UBC7-associated protein (H7-AP1) as well as double ring-finger protein (Dorfin). UBC8 is enriched in the central nervous system and interacts with Parkin, a RING-finger-containing protein implicated in the pathogenesis of familial Parkinson's disease. Parkin shares sequence homology with other UBC8 binding proteins such as HHARI and H7-AP1.

Additional Information

Gene ID	9246
Other Names	RIG-B; UBCH8; UB2L6_HUMAN; UBE2L6; E2 ubiquitin-conjugating enzyme L6; Retinoic acid-induced gene B protein (RIG-B); Ubiquitin carrier protein L6; Ubiquitin-protein ligase L6; 2.3.2.23; ubiquitin conjugating enzyme E2 L6;

	ubiquitin-conjugating enzyme E2L 6
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	UBE2L6
Synonyms	UBCH8
Function	Catalyzes the covalent attachment of ubiquitin or ISG15 to other proteins (PubMed:15131269, PubMed:16428300). Functions in the E6/E6-AP-induced ubiquitination of p53/TP53 (PubMed:16427630). Promotes ubiquitination and subsequent proteasomal degradation of FLT3 (PubMed:20508617).
Tissue Location	Present in natural killer cells (at protein level).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.