

Immunotag™ UBE4A Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT5080
Product Description	Immunotag™ UBE4A Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	UBE4A
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from the N-terminal region of human UBE4A
Specificity	UBE4A Polyclonal Antibody detects endogenous levels of UBE4A protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	UBE4A
Accession No.	Q14139 Q6P7A2
Alternate Names	UBE4A; KIAA0126; Ubiquitin conjugation factor E4 A

Antibody Specification

Description	ubiquitination factor E4A(UBE4A) Homo sapiens This gene encodes a member of the U-box ubiquitin ligase family. The encoded protein is involved in multiubiquitin chain assembly and plays a critical role in chromosome condensation and separation through the polyubiquitination of securin. Autoantibodies against the encoded protein may be markers for scleroderma and Crohn's disease. A pseudogene of this gene is located on the long arm of chromosome 3. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2011],
Cell Pathway/ Category	Ubiquitin mediated proteolysis,
Protein Expression	Bone marrow,Platelet,Skeletal muscle,
Subcellular Localization	ubiquitin ligase complex,nucleus,cytoplasm,
Protein Function	function:Binds to the ubiquitin moieties of preformed conjugates and catalyzes ubiquitin chain assembly in conjunction with E1, E2, and E3.,sequence caution:Contaminating sequence. Potential poly-A sequence.,similarity:Belongs to the ubiquitin conjugation factor E4 family.,similarity:Contains 1 U-box domain.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.