



Uba5 rabbit pAb

Cat No.:ES3662

For research use only

Overview

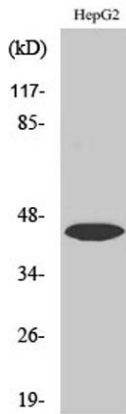
Product Name	Uba5 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human UBA5. AA range:281-330
Specificity	Uba5 Polyclonal Antibody detects endogenous levels of Uba5 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Ubiquitin-like modifier-activating enzyme 5
Gene Name	UBA5
Cellular localization	Cytoplasm . Nucleus . Endoplasmic reticulum membrane . Golgi apparatus . Localizes mainly in the cytoplasm, while it localizes to the nucleus in presence of SUMO2 (PubMed:18442052). Interaction with GABARAPL2 promotes localization to the endoplasmic retic
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	45kD
Human Gene ID	79876
Human Swiss-Prot Number	Q9GZZ9
Alternative Names	UBA5; UBE1DC1; Ubiquitin-like modifier-activating enzyme 5; Ubiquitin-activating enzyme 5; ThiFP1;



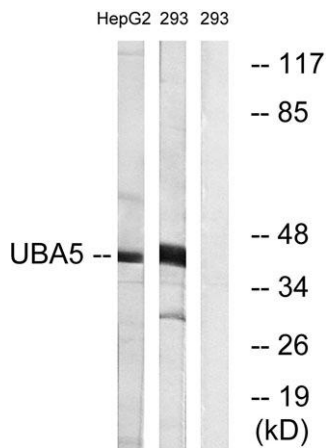


Background

UFM1-activating enzyme; Ubiquitin-activating enzyme E1 domain-containing protein 1
This gene encodes a member of the E1-like ubiquitin-activating enzyme family. This protein activates ubiquitin-fold modifier 1, a ubiquitin-like post-translational modifier protein, via the formation of a high-energy thioester bond. Alternative splicing results in multiple transcript variants. A pseudogene of this gene has been identified on chromosome 1. [provided by RefSeq, Feb 2016],



Western Blot analysis of various cells using Uba5 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

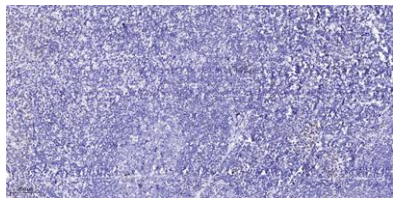


Western blot analysis of lysates from HepG2 and 293 cells, using UBA5 Antibody. The lane on the right is blocked with the synthesized peptide.





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Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



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