

Uba5 Polyclonal Antibody

Catalog No: YT4795

Reactivity: Human; Mouse; Rat

Applications: WB;IHC;IF;ELISA

Target: Uba5

Gene Name: UBA5

Protein Name: Ubiquitin-like modifier-activating enzyme 5

Q9GZZ9

Q8VE47

Human Gene ld: 79876

Human Swiss Prot

No:

Mouse Gene ld: 66663

Mouse Swiss Prot

No:

Rat Gene Id: 300968

Rat Swiss Prot No: Q5M7A4

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.

Source: Polyclonal, Rabbit, IgG

Dilution : WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:5000.. IF 1:50-200

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.



Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 45kD

Background: 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],

Function: function:E1-like enzyme which activates UFM1.,similarity:Belongs to the

ubiquitin-activating E1 family. UBA5 subfamily.,

Subcellular Location:

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 reticulum membrane (PubMed:30990354).

Expression : Widely expressed.

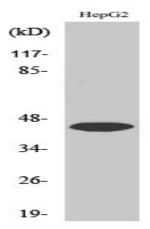
Sort : 23846

No4:

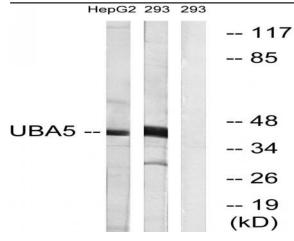
Host: Rabbit

Modifications: Unmodified

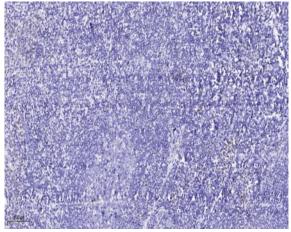
Products Images



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.



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).