



Uba5 Monoclonal Antibody

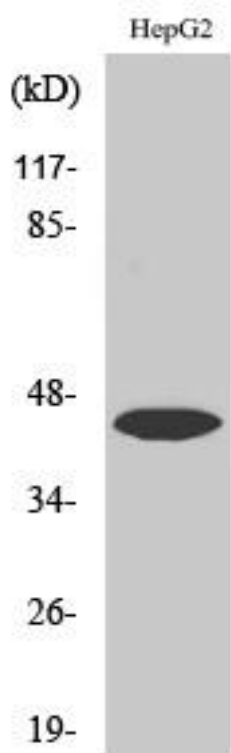
Catalog No	YP-mAb-02810
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	UBA5
Protein Name	Ubiquitin-like modifier-activating enzyme 5
Immunogen	The antiserum was produced against synthesized peptide derived from human UBA5. AA range:281-330
Specificity	Uba5 Monoclonal Antibody detects endogenous levels of Uba5 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	UBA5; UBE1DC1; Ubiquitin-like modifier-activating enzyme 5; Ubiquitin-activating enzyme 5; ThiFP1; UFM1-activating enzyme; Ubiquitin-activating enzyme E1 domain-containing protein 1
Observed Band	45kD
Cell Pathway	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). .
Tissue Specificity	Widely expressed.
Function	function:E1-like enzyme which activates UFM1.,similarity:Belongs to the ubiquitin-activating E1 family. UBA5 subfamily.,
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],
matters needing attention	Avoid repeated freezing and thawing!



Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using Uba5 Monoclonal Antibody