

**GBDR1 Polyclonal Antibody**

<b>Catalog No :</b>	YT1866
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	GBDR1
<b>Gene Name :</b>	UBAC1
<b>Protein Name :</b>	Ubiquitin-associated domain-containing protein 1
<b>Human Gene Id :</b>	10422
<b>Human Swiss Prot No :</b>	Q9BSL1
<b>Mouse Swiss Prot No :</b>	Q8VDI7
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human UBAC1. AA range:91-140
<b>Specificity :</b>	GBDR1 Polyclonal Antibody detects endogenous levels of GBDR1 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	45kD

**Background :** function:Non-catalytic subunit of the KPC complex that acts as E3 ubiquitin-protein ligase. Required for poly-ubiquitination and proteasome-mediated degradation of CDKN1B during G1 phase of the cell cycle.,pathway:Protein modification; protein ubiquitination.,similarity:Contains 1 STI1 domain.,similarity:Contains 1 ubiquitin-like domain.,similarity:Contains 2 UBA domains.,subunit:Component of the KPC complex composed of RNF123/KPC1 and UBAC1/KPC2. Interacts with RNF123 via its N-terminal domain. Interacts with the proteasome via its N-terminal domain.,tissue specificity:Ubiquitous.,

**Function :** function:Non-catalytic subunit of the KPC complex that acts as E3 ubiquitin-protein ligase. Required for poly-ubiquitination and proteasome-mediated degradation of CDKN1B during G1 phase of the cell cycle.,pathway:Protein modification; protein ubiquitination.,similarity:Contains 1 STI1 domain.,similarity:Contains 1 ubiquitin-like domain.,similarity:Contains 2 UBA domains.,subunit:Component of the KPC complex composed of RNF123/KPC1 and UBAC1/KPC2. Interacts with RNF123 via its N-terminal domain. Interacts with the proteasome via its N-terminal domain.,tissue specificity:Ubiquitous.,

**Subcellular Location :** Cytoplasm .

**Expression :** Ubiquitous.

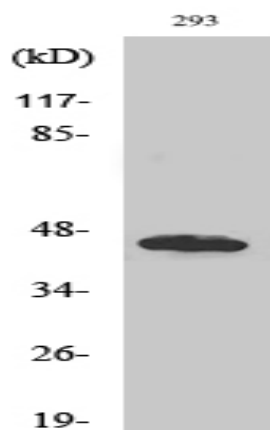
**Sort :** 6496

**No4 :** 1

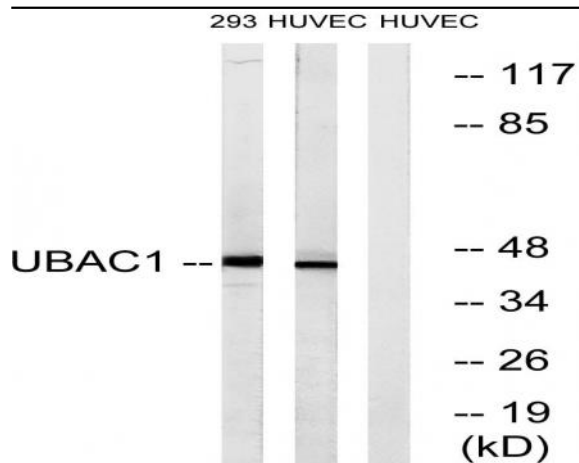
**Host :** Rabbit

**Modifications :** Unmodified

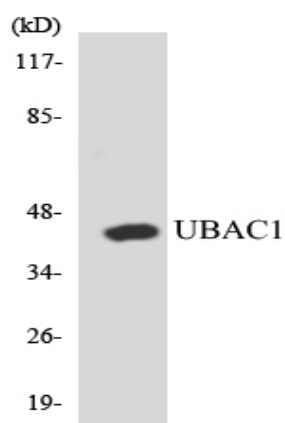
## Products Images



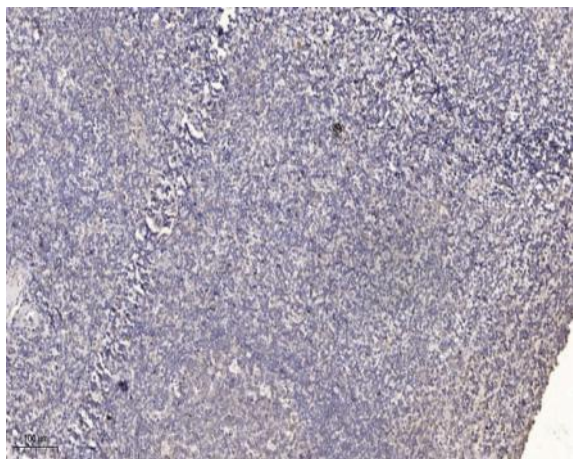
Western Blot analysis of various cells using GBDR1 Polyclonal Antibody diluted at 1:500



Western blot analysis of lysates from 293 and HUVEC cells, using UBAC1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HT-29 cells using UBAC1 antibody.



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, 30min).