

## UBL4A rabbit pAb

<b>Catalog No :</b>	YT8081
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	IHC;WB
<b>Target :</b>	UBL4A
<b>Gene Name :</b>	UBL4A DXS254E GDX UBL4
<b>Protein Name :</b>	Ubiquitin-like protein 4A (Ubiquitin-like protein GDX)
<b>Human Gene Id :</b>	8266
<b>Human Swiss Prot No :</b>	P11441
<b>Mouse Gene Id :</b>	27643
<b>Mouse Swiss Prot No :</b>	P21126
<b>Rat Gene Id :</b>	293864
<b>Rat Swiss Prot No :</b>	B2GV38
<b>Immunogen :</b>	Synthesized peptide derived from human N-terminal UBL4A
<b>Specificity :</b>	This antibody detects endogenous levels of UBL4A at Human, Mouse,Rat
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000 IHC 1:50-200
<b>Purification :</b>	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)**Molecularweight :** 17kD**Function :**

As part of a cytosolic protein quality control complex, the BAG6/BAT3 complex, maintains misfolded and hydrophobic patches-containing proteins in a soluble state and participates in their proper delivery to the endoplasmic reticulum or alternatively can promote their sorting to the proteasome where they undergo degradation . The BAG6/BAT3 complex is involved in the post-translational delivery of tail-anchored/type II transmembrane proteins to the endoplasmic reticulum membrane. Recruited to ribosomes, it interacts with the transmembrane region of newly synthesized tail-anchored proteins and together with SGTA and ASNA1 mediates their delivery to the endoplasmic reticulum . Client proteins that cannot be properly delivered to the endoplasmic reticulum are ubiquitinated and sorted to the proteasome . Similarly, the BAG6/BAT3 complex also functions as a sorting platform for proteins of the

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**Subcellular Location :** Cytoplasm, cytosol . Nucleus .

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