

ORP150 Rabbit mAb
Catalog # AP75842**Specification**

ORP150 Rabbit mAb - Product Information

Application	WB, IHC-P
Primary Accession	Q9Y4L1
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	111335

ORP150 Rabbit mAb - Additional Information**Gene ID** 10525**Other Names**
HYOU1**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A**Format**
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.**Storage**
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**ORP150 Rabbit mAb - Protein Information****Name** HYOU1**Synonyms** GRP170, HSPH4 {ECO:0000303|PubMed:186636}**Function**
Has a pivotal role in cytoprotective cellular mechanisms triggered by oxygen deprivation. Promotes HSPA5/BiP-mediated ATP nucleotide exchange and thereby activates the unfolded protein response (UPR) pathway in the presence of endoplasmic reticulum stress (By similarity). May play a role as a molecular chaperone and participate in protein folding.**Cellular Location**
Endoplasmic reticulum lumen.**Tissue Location**
Highly expressed in tissues that contain well- developed endoplasmic reticulum and synthesize large amounts of secretory proteins. Highly expressed in liver and pancreas and lower expression in brain and kidney. Also expressed in macrophages within aortic atherosclerotic plaques, and in

breast cancers

ORP150 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ORP150 Rabbit mAb - Images

