

HYOU1 / ORP150 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS12663**Specification**

HYOU1 / ORP150 Antibody (C-Terminus) - Product Information

Application	IHC
Primary Accession	O9Y4L1
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	111kDa KDa

HYOU1 / ORP150 Antibody (C-Terminus) - Additional Information**Gene ID** 10525**Other Names**

Hypoxia up-regulated protein 1, 150 kDa oxygen-regulated protein, ORP-150, 170 kDa glucose-regulated protein, GRP-170, HYOU1, GRP170, ORP150

Target/Specificity

Synthetic peptide corresponding to C-terminal residues of rat Hyou1(Hypoxia up-regulated 1) or Orp150 (150 kD oxygen-regulated protein precursor).

Reconstitution & Storage

Store at -20°C.

Precautions

HYOU1 / ORP150 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

HYOU1 / ORP150 Antibody (C-Terminus) - Protein Information**Name** HYOU1**Synonyms** GRP170, ORP150**Function**

Has a pivotal role in cytoprotective cellular mechanisms triggered by oxygen deprivation. 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

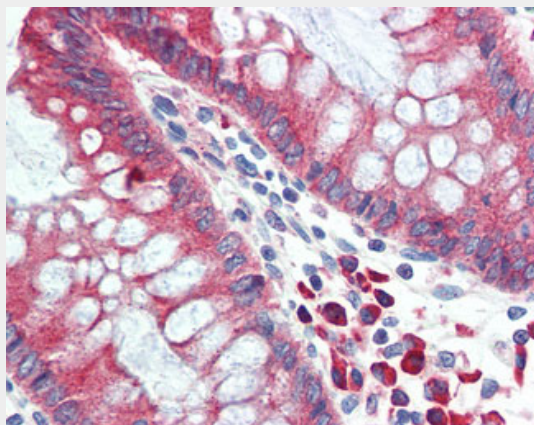
in brain and kidney. Also expressed in macrophages within aortic atherosclerotic plaques, and in breast cancers

HYOU1 / ORP150 Antibody (C-Terminus) - Protocols

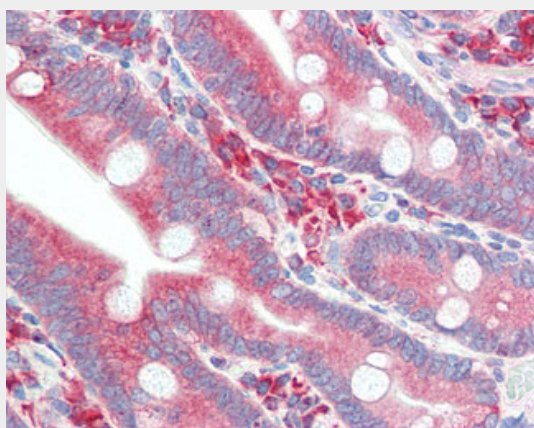
Provided below are standard protocols that you may find useful for product applications.

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

HYOU1 / ORP150 Antibody (C-Terminus) - Images



Anti-HYOU1 / ORP150 antibody IHC of human colon.



Anti-HYOU1 / ORP150 antibody IHC of human small intestine.

HYOU1 / ORP150 Antibody (C-Terminus) - Background

Has a pivotal role in cytoprotective cellular mechanisms triggered by oxygen deprivation. May play a role as a molecular chaperone and participate in protein folding.

HYOU1 / ORP150 Antibody (C-Terminus) - References

Ikeda J.,et al.Biochem. Biophys. Res. Commun. 230:94-99(1997).
Kaneda S.,et al.J. Biochem. 128:529-538(2000).
Takeuchi S.,et al.Protein J. 25:517-528(2006).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.