

## Product datasheet for **TA354517**

### ORP150 (HYOU1) Rabbit Polyclonal Antibody

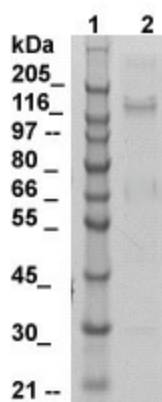
#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide next to the C-terminus of HYOU1 protein. This sequence is identical to rat, mouse, human and dog, bovine and horse origins.
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by Epitope Affinity Purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	~150 kDa
Gene Name:	hypoxia up-regulated 1
Database Link:	<a href="#">NP_001124463</a> <a href="#">Entrez Gene 12282 Mouse</a> <a href="#">Entrez Gene 192235 Rat</a> <a href="#">Entrez Gene 10525 Human</a> <a href="#">Q9Y4L1</a>
Background:	The Hypoxia up-regulated 1 (HYOU1) protein belongs to the heat shock protein 70 family. It plays an important role in protein folding and secretion in the endoplasmic reticulum (ER). This protein is involved in stress-dependent induction, resulting in the accumulation of this protein in the ER under hypoxic conditions. It also has been shown to be up-regulated in tumors, especially in breast tumors, and thus it is associated with tumor invasiveness.
Synonyms:	GRP-170; Grp170; HSP12A; ORP-150; ORP150
Protein Families:	Transmembrane



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## Product images:



WB: Tissue lysate from hypoxic mouse brain (lane 2) was resolved onto 10% SDS-PAGE and transferred onto NC Membrane, then immunoprobed by Anti-HYOU1 antibody, at 1:500. An immunoreactive protein is observed around ~