bs-4248R

[Primary Antibody]

BIOSS ANTIBODIES

ORP150 Rabbit pAb

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- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GeneID: 10525 **SWISS:** Q9Y4L1

Target: ORP150

Immunogen: KLH conjugated synthetic peptide derived from human ORP150:

401-500/999.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: ORP150 (150KDa Oxygen-regulated Protein) is a member of the

heat shock protein/stress protein family and has a pivotal role in cytoprotective cellular mechanisms triggered by oxygen deprivation. This protein has also been described as a molecular chaperone, induced by various environmental and physiological stimuli, and participates in protein folding in the endoplasmic reticulum. Furthermore, ORP150 is up-regulated in tumors and, in

breast tumors, may be associated with tumor invasiveness.

Applications: WB (1:500-2000)

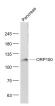
Reactivity: Human, Mouse

(predicted: Rat, Pig, Cow, Chicken, Dog, Horse)

Predicted MW.: 108 kDa

Subcellular Location: Cytoplasm

- VALIDATION IMAGES -



Sample: Pancreas (Mouse) Lysate at 40 ug Primary: Anti- ORP150 (bs-4248R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 108 kD Observed band size: 108 kD

- SELECTED CITATIONS -

• [IF=2.12] Ruan Lin, et al. "Tetrandrine Attenuated Cerebral Ischemia/Reperfusion Injury and Induced Differential Proteomic Changes in a MCAO Mice Model Using 2-D DIGE." Neurochemical Research (2013). 1-9. WB; Rat. 23780673