

OPA1 Recombinant Rabbit mAb

Catalog Number: bsm-54144R

Target Protein: OPA1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Clone No.: 9A7

Isotype: IgG

Applications: WB (1:500), IHC-P (1:100-500), IHC-F (1:400-800), IF (1:50-200)

Reactivity: (predicted:Human, Mouse, Rat)

Predicted MW: 111 kDa

Subcellular Cell membrane ,Cytoplasm

Locations:

Entrez Gene: 4976

Swiss Prot: O60313

Purification: affinity purified by Protein A

Storage: 1*TBS (pH7.4), 0.05% BSA, 40% Glycerol. Preservative: 0.02% Proclin300.

Store at 4°C after thawing. Aliquot store at -20°C. Avoid repeated freeze / thaw cycles.

Background: OPA1 is a 120kDa protein belonging to the dynamin family. The OPA1 gene has been localized to 3q29. The gene is targeted to mitochondria and is involved in mitochondrial biogenesis. Defects in OPA1 are a cause of optic atrophy type 1. OPA1 is mostly expressed in retina but can also be expressed in brain, testis, heart and skeletal muscle.

PRODUCT SPECIFIC PUBLICATIONS

[IF=4.3] Shasha Chen. et al. Quercetin alleviates zearalenone-induced apoptosis and necroptosis of porcine renal epithelial cells by inhibiting CaSR/CaMKII signaling pathway. FOOD CHEM TOXICOL. 2023 Nov;;114184 WB ; Pig . 37951344

[IF=3.8] Xinzhang Chen. et al. Selenomethionine Alleviates Kidney Necroptosis and Inflammation by Restoring Lipopolysaccharide-mediated Mitochondrial Dynamics Imbalance via the TLR4/RIPK3/DRP1 Signaling Pathway in Laying Hens. POULTRY SCI. 2024 Oct;;104439 WB ; Chicken . 39504830