

Datasheet for ABIN7267584
anti-HSPA9 antibody



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1 Image

Overview

Quantity:	100 µL
Target:	HSPA9
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This HSPA9 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Grp75/MOT/HSPA9 Rabbit mAb
Immunogen:	A synthesized peptide derived from human Grp75/MOT/HSPA9
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	HSPA9
Alternative Name:	HSPA9 (HSPA9 Products)
Background:	This gene encodes a member of the heat shock protein 70 gene family. The encoded protein is

Target Details

primarily localized to the mitochondria but is also found in the endoplasmic reticulum, plasma membrane and cytoplasmic vesicles. This protein is a heat-shock cognate protein. This protein plays a role in cell proliferation, stress response and maintenance of the mitochondria. A pseudogene of this gene is found on chromosome 2.[provided by RefSeq, May 2010],CRP40, CSA, EVPLS, GRP-75, GRP75, HEL-S-124m, HSPA9B, MOT, MOT2, MTHSP75, PBP74, SAAN, SIDBA4,Apoptosis,Cancer,Cell Biology & Developmental Biology,Cell Cycle,Endocrine & Metabolism,Epigenetics & Nuclear Signaling,Mitochondrial metabolism,Mitochondrial metabolism_Mitochondrial Biogenesis,Mitochondrial metabolism_Mitochondrial markers,RNA Binding,Signal Transduction,Tumor biomarkers,HSPA9

Molecular Weight: 74kDa

Gene ID: 3313

UniProt: [P38646](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

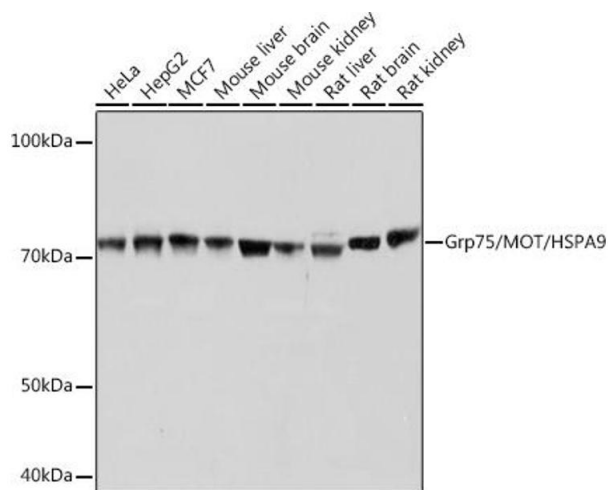
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using Grp75/MOT/HSP Rabbit mAb (ABIN7267584) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.