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anti-HSPA9 antibody (Center)

2 Images



Overview

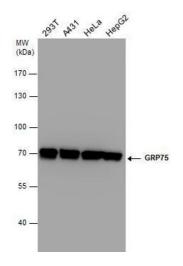
Quantity:	100 μL
Target:	HSPA9
Binding Specificity:	Center
Reactivity:	Human, Mouse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSPA9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human GRP75. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Chicken, Rat (Rattus), Zebrafish (Danio rerio), Cow (Bovine), Xenopus tropicalis
Cross-Reactivity (Details):	Chicken (95 %), Rat (99 %), Zebrafish (87 %), Bovine (99 %), Xenopus tropicalis (94 %)
Characteristics:	Rabbit Polyclonal antibody to GRP75 (heat shock 70 kDa protein 9 (mortalin)) GRP75 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	HSPA9
Alternative Name:	GRP75 (HSPA9 Products)
Background:	The product encoded by this gene belongs to the heat shock protein 70 family which contains both heat-inducible and constitutively expressed members. The latter are called heat-shock cognate proteins. This gene encodes a heat-shock cognate protein. This protein plays a role in the control of cell proliferation. It may also act as a chaperone.
	Cellular Localization: Mitochondrion
Molecular Weight:	74 kDa
Gene ID:	3313
Application Details	
Application Notes:	Suggested dilution Reference Immunoprecipitation 1:100-1:500* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceImmunoprecipitation1:100-1:500* Western blot1:500-1:3000*
Comment:	Positive Control: 293T , A431 , HeLa , HepG2 , *IPEC-J2
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.06 mg/mL
Buffer:	1XPBS, 20 % Glycerol (pH 7). 0.025 % ProClin 300 was added as a preservative.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Western Blotting

Image 1. WB Image GRP75 antibody detects GRP75 protein by western blot analysis. Various whole cell extracts (30 μ g) were separated by 7.5% SDS-PAGE, and the membrane was blotted with GRP75 antibody , diluted at a dilution of 1:2500.

Figure 6

Western Blotting

Image 2. Representative immunoblot validation of (A) Peroxiredoxin-1 (B) GRP75 levels in CL1-0 cells and CL1-0 Δ GR cells in response to UVB-irradiation. The levels of identified protein, (A) peroxiredoxin-1 and (B) GRP75, in CL1-0 and CL1-0?GR cells irradiated with 45 mJ/cm2 UVB or sham exposure were confirmed by immunoblot. Betatubulin was used as loading control in this study (left panels) and the normalizing result between peroxiredoxin-1 / GRP75 and beta-tubulin controls were listed in the right panels. - figure provided by CiteAb. Source: PMID24405781