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AHA1 Antibody

Rabbit mAb
Catalog # AP92301

Product Information

Application	WB, IP
Primary Accession	O95433
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	AHA 1; AHA1; AHSA 1; Ahsa1; C14orf3; HSPC322; p38;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	38274

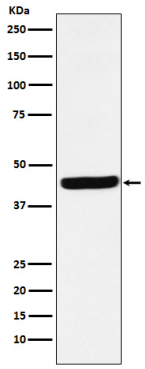
Additional Information

Dilution	WB 1:500~1:2000 IP 1:40
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human AHA1
Description	Cochaperone that stimulates HSP90 ATPase activity (By similarity). May affect a step in the endoplasmic reticulum to Golgi trafficking.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	AHSA1
Synonyms	C14orf3
Function	Acts as a co-chaperone of HSP90AA1 (PubMed: 29127155). Activates the ATPase activity of HSP90AA1 leading to increase in its chaperone activity (PubMed:29127155). Competes with the inhibitory co- chaperone FNIP1 for binding to HSP90AA1, thereby providing a reciprocal regulatory mechanism for chaperoning of client proteins (PubMed:27353360). Competes with the inhibitory co-chaperone TSC1 for binding to HSP90AA1, thereby providing a reciprocal regulatory mechanism for chaperoning of client proteins (PubMed:29127155).
Cellular Location	Cytoplasm, cytosol. Endoplasmic reticulum. Note=May transiently interact with the endoplasmic reticulum
Tissue Location	Expressed in numerous tissues, including brain, heart, skeletal muscle and kidney and, at lower levels, liver and placenta.

Images



Western blot analysis of AHA1 expression in HepG2 cell lysate.