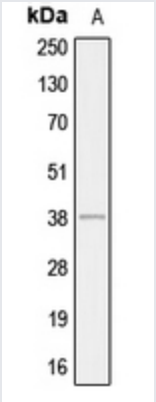
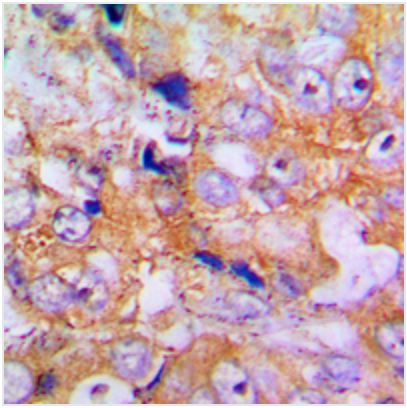
AHA1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	AHA1, Polyclonal Antibody
Full Product Name	Rabbit anti-AHA1 Antibody
Product Gene Name	anti-AHA1 antibody
Product Synonym Names	C14orf3; Activator of 90 kDa heat shock protein ATPase homolog 1; AHA1; p38
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Concentration	1mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.
Molecular Weight	38,274 Da
Chromosome Location	Chromosome: 14; NC_000014.8 (77924373..77935815). Location: 14q24
OMIM	608466
3D Structure	ModBase 3D Structure for O95433
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human AHA1. The exact sequence is proprietary.
Product Categories/Family for anti-AHA1 antibody	Primary antibodies
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for anti-AHA1 antibody	Western Blot (WB), Immunoprecipitation (IP)
Application Notes for anti-AHA1 antibody	WB: 1:500-1:1000 IP: 1:10-1:100
Related Product Information for anti-AHA1 antibody	MBS4504633 is an antibody targeting AHA1. Also known as Rabbit anti-AHA1 Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-AHA1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-AHA1 antibody
Western blot analysis of AHA1 expression in HepG2 (A) whole cell lysates.



Immunohistochemistry (IHC) of anti-AHA1 antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AHA1. It may not necessarily be applicable to this product.

NCBI GI #	6912280
NCBI GeneID	10598
NCBI Accession #	NP_036243.1
UniProt Primary Accession #	O95433
UniProt Secondary Accession #	Q96IL6; Q9P060; B2R9L2
UniProt Related Accession #	O95433
GenBank Nucleotide #	NM_012111.2
NCBI Official Full Name	activator of 90 kDa heat shock protein ATPase homolog 1
NCBI Official Synonym Full Names	AHA1, activator of heat shock 90kDa protein ATPase homolog 1 (yeast)
NCBI Official Symbol	AHSA1
NCBI Official Synonym Symbols	p38; AHA1; C14orf3
UniProt Protein Name	Activator of 90 kDa heat shock protein ATPase homolog 1
UniProt Synonym Protein Names	p38
Protein Family	ATPase
UniProt Gene Name	AHSA1
UniProt Synonym Gene Names	C14orf3; AHA1
UniProt Entry Name	AHSA1_HUMAN
NCBI Protein Information	activator of 90 kDa heat shock protein ATPase homolog 1

UniProt Comments for AHA1	AHSA1: Cochaperone that stimulates HSP90 ATPase activity. May affect a step in the endoplasmic reticulum to Golgi trafficking. Belongs to the AHA1 family. Protein type: Chaperone Chromosomal Location of Human Ortholog: 14q24 Cellular Component: endoplasmic reticulum; cytoplasm; cytosol Molecular Function: ATPase activator activity; protein binding; chaperone binding Biological Process: positive regulation of ATPase activity; response to stress
Research Articles on AHA1	**1.** Modulation of Hsp90 activity by AHA1 regulates VEGF signaling to eNOS and angiogenesis.
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