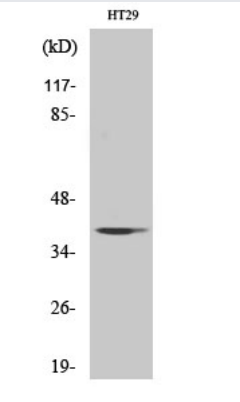
AHA-1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	AHA-1, Polyclonal Antibody
Full Product Name	AHA-1 Polyclonal Antibody
Product Gene Name	anti-AHA-1 antibody
Product Synonym Names	AHSA1; C14orf3; HSPC322; Activator of 90 kDa heat shock protein ATPase homolog 1; AHA1; p38
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1 mg/ml (lot specific)
Specificity	AHA-1 Polyclonal Antibody detects endogenous levels of AHA-1 protein.
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	32,340 Da
OMIM	608466
3D Structure	ModBase 3D Structure for O95433
Immunogen Type	peptide
Immunogen Description	Synthesized peptide derived from the Internal region of human AHA-1.
Target Name	AHA-1
Product Categories/Family for anti-AHA-1 antibody	Total protein Ab
Applications Tested/Suitable for anti-AHA-1 antibody	Western Blot (WB), Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-AHA-1 antibody	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:100 - 1:300 ELISA: 1:20000 Not yet tested in other applications.
Related Product Information for anti-AHA-1 antibody	MBS9405565 is an antibody targeting AHA-1. Also known as AHA-1 Polyclonal Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-AHA-1 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-AHA-1 antibody
Western Blot analysis of K562 cells using AHA-1 Polyclonal Antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AHA-1. 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; B4DUR9
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	Aryl hydrocarbon receptor nuclear translocator
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 AHA-1	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: protein binding; ATPase activator activity; chaperone binding Biological Process: positive regulation of ATPase activity; response to stress
Research Articles on AHA-1	**1.** These results suggest that differences in the middle domain of Hsp90alpha and Hsp90beta may be responsible for the isoform-specific interactions with selected proteins.
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