

Mouse Hsc70 Monoclonal Antibody | anti-Hsc70 antibody

Anti-Hsc70 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA249035	Mouse	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

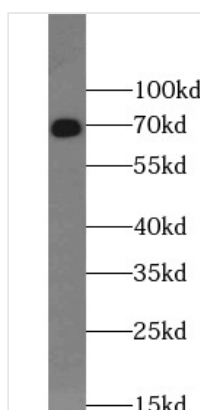
PRODUCT SYNONYMS

Hsc70; Monoclonal Antibody; Anti-Hsc70 Antibody; Heat shock 70 kDa protein 8; heat shock 70kDa protein 8; HSC54; HSC71; HSP71; HSP73; HSPA10; HSPA8; LAP1; NIP71; anti-Hsc70 antibody

PRODUCT SPECIFICATIONS

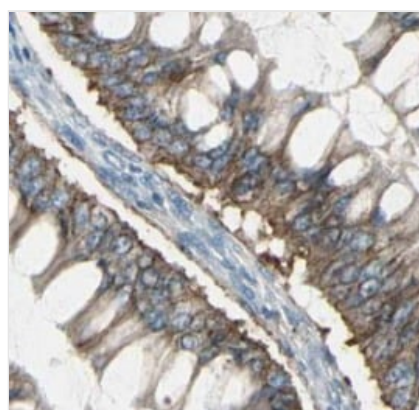
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1
Purity/Purification	>=95% as determined by SDS-PAGE Protein A+G Purification
Form/Format	Liquid; PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Sequence Length	646
Applicable Applications for anti-Hsc70 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Hsc70
Preparation and Storage	Store at -20 degree C for 24 months. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Hela cells were subjected to SDS PAGE followed by western blot with AAA249035 (Hsc70 antibody) at dilution of 1:10000



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human ovary tumor tissue slide using AAA249035 (Hsc70 Antibody) at dilution of 1:200

ADDITIONAL INFORMATION

Related Product Information for anti-Hsc70 antibody	HSPA8 (also known as HSC70) is a member of the HSPA (HSP70) family of heat-shock proteins which are highly conserved chaperons implicated in protein folding, protein refolding, protein transport, and protein targeting. HSPA8 is a constitutively expressed cytosol/nuclear protein able to translocate between cytoplasm and nucleus. Recently it has been reported that HSPA8 can interact with alpha-synuclein, the critical pathological protein of Parkinson's disease, indicating its implication in neurodegenerative disease. (21832061)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5729877
NCBI GeneID	3312
NCBI Accession #	NP_006588.1
NCBI GenBank Nucleotide #	NM_006597.6
UniProt Accession #	P11142
Molecular Weight	57 kDa
NCBI Official Full Name	heat shock cognate 71 kDa protein isoform 1
NCBI Official Synonym Full Names	heat shock protein family A (Hsp70) member 8
NCBI Official Symbol	HSPA8
NCBI Official Synonym Symbols	LAP1; HSC54; HSC70; HSC71; HSP71; HSP73; LAP-1; NIP71; HEL-33; HSPA10; HEL-S-72p
NCBI Protein Information	heat shock cognate 71 kDa protein
UniProt Protein Name	Heat shock cognate 71 kDa protein
UniProt Gene Name	HSPA8
UniProt Synonym Gene Names	HSC70; HSP73; HSPA10
UniProt Entry Name	HSP7C_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.