

DNAJA1 antibody

Product Information

Catalog No.:	FNab02439
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Co-chaperone for HSPA8/Hsc70(PubMed:10816573). Stimulates ATP hydrolysis, but not the folding of unfolded proteins mediated by HSPA1A(in vitro)(PubMed:24318877). Plays a role in protein transport into mitochondria via its role as co-chaperone. Functions as co-chaperone for HSPA1B and negatively regulates the translocation of BAX from the cytosol to mitochondria in response to cellular stress, thereby protecting cells against apoptosis(PubMed:14752510). Promotes apoptosis in response to cellular stress mediated by exposure to anisomycin or UV(PubMed:24512202).

Immunogen information

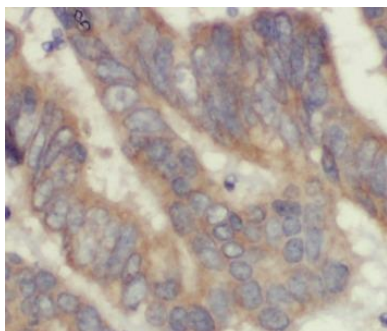
Immunogen:	DnaJ(Hsp40) homolog, subfamily A, member 1
Synonyms:	DnaJ homolog subfamily A member 1 DnaJ protein homolog 2 HSDJ Heat shock 40 kDa protein 4 Heat shock protein J2 (HSJ- 2) Human DnaJ protein 2 (hDj-2) DNAJA1 DNAJ2 HDJ2 HSJ2 HSPF4
Observed MW:	45 kDa
Uniprot ID :	P31689

Application

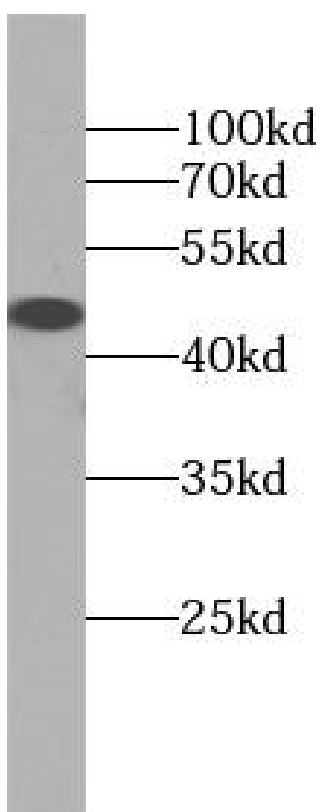
Reactivity:	Human, Mouse
Tested Application:	ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:1000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human colon cancer using FNab02439(DNAJA1 antibody) at dilution of 1:50



mouse lung tissue were subjected to SDS PAGE followed by western blot with FNab02439(DNAJA1 antibody) at dilution of 1:500