

DNAJB6 Rabbit mAb

Catalog No: #52256

Package Size: #52256-1 50ul #52256-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

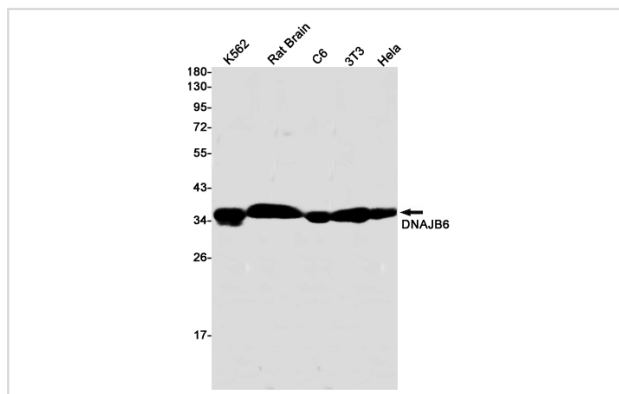
Description

Product Name	DNAJB6 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S01-8K2
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant protein of human DNAJB6
Conjugates	Unconjugated
Modification	Unmodification
Other Names	DJ4; MRJ; DnaJ; Hsj2; Hhdj1; Hsj-2; Msj-1; Lgmd1d; Lgmd1e
Accession No.	Swiss-Prot:O75190GeneID:10049
Calculated MW	Calculated MW: 36 kDa; Observed MW: 36 kDa
Formulation	50nM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000;

Images



Western blot detection of DNAJB6 in K562,Rat Brain,C6,3T3,Hela cell lysates using DNAJB6 Rabbit mAb(1:1000 diluted).Predicted band size:36kDa.Observed band size:36kDa.

Background

Swiss-Prot Acc.O75190.Plays an indispensable role in the organization of KRT8/KRT18 filaments. Acts as an endogenous molecular chaperone for neuronal proteins including huntingtin. Suppresses aggregation and toxicity of polyglutamine-containing, aggregation-prone proteins. Isoform B but not isoform A inhibits huntingtin aggregation. Has a stimulatory effect on the ATPase activity of HSP70 in a dose-dependent and time-dependent manner

and hence acts as a co-chaperone of HSP70. Also reduces cellular toxicity and caspase-3 activity.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.