

DNAJB6 Rabbit mAb

Catalog # AP75366

Product Information

Application	WB, IHC-P
Primary Accession	O75190
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	36087

Additional Information

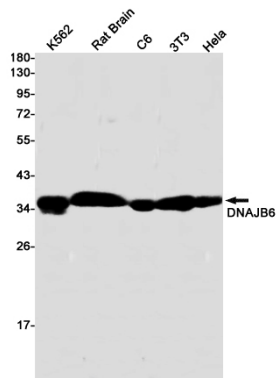
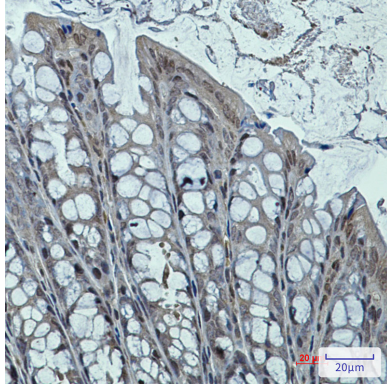
Gene ID	10049
Other Names	DNAJB6
Dilution	WB~~1/500-1/1000 IHC-P~~N/A
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	DNAJB6
Synonyms	HSJ2, MRJ, MSJ1
Function	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 (PubMed: 10954706 , PubMed: 28233300). Plays an indispensable role in the organization of KRT8/KRT18 filaments (PubMed: 10954706). Acts as an endogenous molecular chaperone for neuronal proteins including huntingtin (PubMed: 11896048 , PubMed: 22366786). Suppresses aggregation and toxicity of polyglutamine-containing, aggregation-prone proteins (PubMed: 20159555 , PubMed: 22366786). Also reduces cellular toxicity and caspase-3 activity (PubMed: 11896048).
Cellular Location	Cytoplasm, perinuclear region. Nucleus Cytoplasm, myofibril, sarcomere, Z line
Tissue Location	Widely expressed. Highest levels in testis and brain, and lower levels in heart, spleen, intestine, ovary, placenta, lung, kidney, pancreas, thymus, prostate,

skeletal muscle, liver and leukocytes. In testis, expressed in germ cells in the earlier stages of differentiation pathway as well as in spermatids. In brain, expressed at a higher level in hippocampus and thalamus and a lower level in amygdala, substantia nigra, corpus callosum and caudate nucleus

Images



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.