

A19865

Leader in Biomolecular Solutions for Life Science



[KO Validated] DNAJA1 Rabbit pAb

Catalog No.: A19865 **KO** Validated

Basic Information

Observed MW

47kDa

Calculated MW

45kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a member of the DnaJ family of proteins, which act as heat shock protein 70 cochaperones. Heat shock proteins facilitate protein folding, trafficking, prevention of aggregation, and proteolytic degradation. Members of this family are characterized by a highly conserved N-terminal J domain, a glycine/phenylalanine-rich region, four CxxCxGxG zinc finger repeats, and a C-terminal substrate-binding domain. The J domain mediates the interaction with heat shock protein 70 to recruit substrates and regulate ATP hydrolysis activity. In humans, this gene has been implicated in positive regulation of virus replication through co-option by the influenza A virus. Several pseudogenes of this gene are found on other chromosomes.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

3301

Swiss Prot

P31689

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 178-397 of human DNAJA1 (NP_001530.1).

Synonyms

DJ-2; DjA1; HDJ2; HSDJ; HSJ2; HSJ-2; HSPF4; NEDD7; hDJ-2; A1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

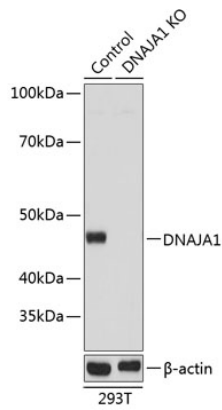
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of lysates from wild type (WT) and DNAJA1 knockout (KO) 293T cells, using [KO Validated] DNAJA1 Rabbit pAb (A19865) at 1:3000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.