

DNAJB11 Antibody (aa31-80)
Rabbit Polyclonal Antibody
Catalog # ALS16647**Specification**

DNAJB11 Antibody (aa31-80) - Product Information

Application	IHC, WB
Primary Accession	O9UBS4
Other Accession	51726
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	40514

DNAJB11 Antibody (aa31-80) - Additional Information**Gene ID** 51726**Other Names**

DNAJB11, ABBP-2, ABBP2, APOBEC1-binding protein 2, DJ9, DnaJ protein 9, DnaJ protein homolog 9, EDJ, ERj3, ERj3p, HDJ9, ER-associated dnaJ protein 3, Human DnaJ protein 9, HDj-9, HEDJ, UNQ537, Dj-9, ER-associated DNAJ, ERdj3, PRO1080

Target/Specificity

DNAJB11 Antibody detects endogenous levels of total DNAJB11 protein.

Reconstitution & Storage

PBS (without Mg²⁺, Ca²⁺), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol. Store at -20°C for up to one year.

Precautions

DNAJB11 Antibody (aa31-80) is for research use only and not for use in diagnostic or therapeutic procedures.

DNAJB11 Antibody (aa31-80) - Protein Information**Name** DNAJB11**Synonyms** EDJ, ERJ3, HDJ9**Function**

As a co-chaperone for HSPA5 it is required for proper folding, trafficking or degradation of proteins (PubMed: [10827079](http://www.uniprot.org/citations/10827079), PubMed: [15525676](http://www.uniprot.org/citations/15525676), PubMed: [29706351](http://www.uniprot.org/citations/29706351)). Binds directly to both unfolded proteins that are substrates for ERAD and nascent unfolded peptide chains, but dissociates from the HSPA5-unfolded protein complex before folding is completed

(PubMed:15525676). May help recruiting HSPA5 and other chaperones to the substrate. Stimulates HSPA5 ATPase activity (PubMed:10827079). It is necessary for maturation and correct trafficking of PKD1 (PubMed:29706351).

Cellular Location

Endoplasmic reticulum lumen Note=Associated with the ER membrane in a C-terminally epitope-tagged construct

Tissue Location

Widely expressed.

Volume

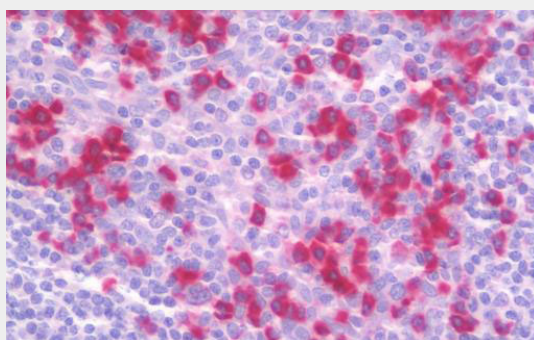
50 µl

DNAJB11 Antibody (aa31-80) - Protocols

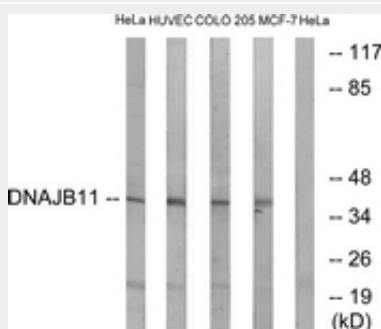
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DNAJB11 Antibody (aa31-80) - Images



Anti-DNAJB11 antibody IHC staining of human tonsil.



Western blot of extracts from HeLa/HUVEC/COLO/MCF-7 cells, using DNAJB11 Antibody.

DNAJB11 Antibody (aa31-80) - Background

Serves as a co-chaperone for HSPA5. Binds directly to both unfolded proteins that are substrates for ERAD and nascent unfolded peptide chains, but dissociates from the HSPA5-unfolded protein complex before folding is completed. May help recruiting HSPA5 and other chaperones to the substrate. Stimulates HSPA5 ATPase activity.

DNAJB11 Antibody (aa31-80) - References

Ohtsuka K.,et al.Cell Stress Chaperones 5:98-112(2000).
Yu M.,et al.J. Biol. Chem. 275:24984-24992(2000).
Bies C.,et al.Biol. Chem. 385:389-395(2004).
Honore B.,et al.Submitted (JUN-2000) to the EMBL/GenBank/DDBJ databases.
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).