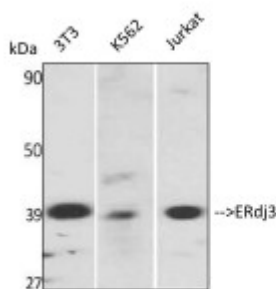


Anti-ERdj3 antibody



Description	Rabbit polyclonal to ERdj3.
Model	STJ92981
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human ERdj3
Immunogen Region	1-80 aa, Internal
Gene ID	51726
Gene Symbol	DNAJB11
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:20000
Specificity	ERdj3 Polyclonal Antibody detects endogenous levels of ERdj3 protein.
Tissue Specificity	Widely expressed.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	DnaJ homolog subfamily B member 11 APOBEC1-binding protein 2 ABBP-2 DnaJ protein homolog 9 ER-associated DNAJ ER-associated Hsp40 co-chaperone Endoplasmic reticulum DNA J domain-containing protein 3 ER-resident pr
Molecular Weight	40 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:14889OMIM:611341
Alternative Names	DnaJ homolog subfamily B member 11 APOBEC1-binding protein 2 ABBP-2 DnaJ protein homolog 9 ER-associated DNAJ ER-associated Hsp40 co-chaperone Endoplasmic reticulum DNA J domain-containing protein 3 ER-resident pr
Function	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.
Cellular Localization	Endoplasmic reticulum lumen. Associated with the ER membrane in a C-terminally epitope-tagged construct.
Post-translational Modifications	Contains high-mannose Endo H-sensitive carbohydrates.; Cys-169, Cys-171, Cys-193 and Cys-196 form intramolecular disulfide bonds. The preferential partner for each Cys is not known.; Thr-188 was reported to be phosphorylated upon DNA damage by ATM or ATR; however as this position has been shown to be in the ER lumen, the in vivo relevance is not proven.