



# ERdj3 rabbit pAb

Cat No.:ES2293

For research use only

## Overview

<b>Product Name</b>	ERdj3 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human DNAJB11. AA range:31-80
<b>Specificity</b>	ERdj3 Polyclonal Antibody detects endogenous levels of ERdj3 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	DnaJ homolog subfamily B member 11
<b>Gene Name</b>	DNAJB11
<b>Cellular localization</b>	Endoplasmic reticulum lumen . Associated with the ER membrane in a C-terminally epitope-tagged construct.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	40kD
<b>Human Gene ID</b>	51726
<b>Human Swiss-Prot Number</b>	Q9UBS4
<b>Alternative Names</b>	DNAJB11; EDJ; ERJ3; HDJ9; PSEC0121; DnaJ homolog subfamily B member 11; APOBEC1-binding protein 2; ABBP-2; DnaJ protein homolog 9; ER-associated DNAJ; ER-associated Hsp40 co-chaperone; ER-associated dnaJ protein 3; ERdj3; ERj3p; HEDJ;

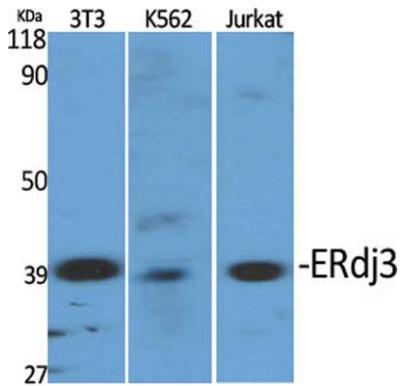




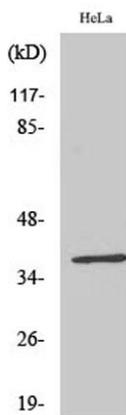
## Background

### Human

This gene encodes a soluble glycoprotein of the endoplasmic reticulum (ER) lumen that functions as a co-chaperone of binding immunoglobulin protein, a 70 kilodalton heat shock protein chaperone required for the proper folding and assembly of proteins in the ER. The encoded protein contains a highly conserved J domain of about 70 amino acids with a characteristic His-Pro-Asp (HPD) motif and may regulate the activity of binding immunoglobulin protein by stimulating ATPase activity. [provided by RefSeq, Mar 2014],



Western Blot analysis of various cells using ERdj3  
Polyclonal Antibody diluted at 1:2000



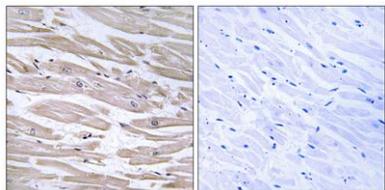
Western Blot analysis of MCF7 cells using ERdj3 Polyclonal  
Antibody diluted at 1:2000



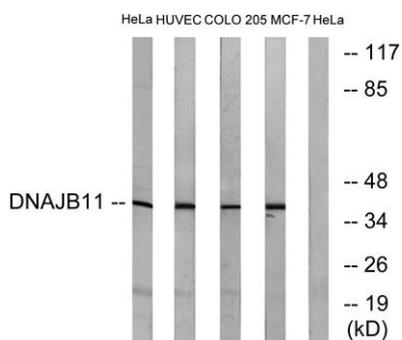


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Immunohistochemistry analysis of paraffin-embedded human heart tissue, using DNAJB11 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HeLa, HUVEC, COLO, and MCF-7 cells, using DNAJB11 Antibody. The lane on the right is blocked with the synthesized peptide.



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