



Human ERP29 blocking peptide (CDBP1156)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-ERP29 antibody
Antigen Description	This gene encodes a reticuloplasmin, a protein which resides in the lumen of the endoplasmic reticulum (ER). The protein shows sequence similarity to the protein disulfide isomerase family. However, it lacks the thioredoxin motif characteristic of this family, suggesting that this protein does not function as a disulfide isomerase. The protein dimerizes and is thought to play a role in the processing of secretory proteins within the ER. Alternative splicing results in multiple transcript variants encoding different isoforms.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	ERP29 endoplasmic reticulum protein 29 [Homo sapiens]
Official Symbol	ERP29
Synonyms	ERP29; endoplasmic reticulum protein 29; C12orf8, chromosome 12 open reading frame 8; endoplasmic reticulum resident protein 29; ERp28; ERp29; ERp31; PDI DB; PDIA9; protein

disulfide isomerase family A; member 9; endoplasmic reticulum resident protein 28;
endoplasmic reticulum resident protein 31; endoplasmic reticulum luminal protein ERp28;
protein disulfide isomerase family A, member 9; PDI-DB; C12orf8;

Entrez Gene ID	10961
mRNA Refseq	NM_001034025
Protein Refseq	NP_001029197
UniProt ID	P30040
Chromosome Location	12q24.13
Pathway	Protein processing in endoplasmic reticulum, organism-specific biosystem; Protein processing in endoplasmic reticulum, conserved biosystem;
Function	protein disulfide isomerase activity;