



ERP29 rabbit pAb

Catalog No	YP-Ab-11430
Isotype	IgG
Reactivity	Human; Mouse; Rat
Applications	WB
Gene Name	ERP29 C12orf8 ERP28
Immunogen	Synthesized peptide derived from human ERP29 AA range: 141-191
Specificity	This antibody detects endogenous levels of ERP29 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit, IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	C12orf8; ERP 29; ERp28; ERp31; PDI DB; ERP29; ERP29 C12orf8 ERP28
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Endoplasmic reticulum lumen. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.
Tissue Specificity	Ubiquitous. Mostly expressed in secretory tissues.
Function	function: Does not seem to be a disulfide isomerase. Plays an important role in the processing of secretory proteins within the endoplasmic reticulum (ER), possibly by participating in the folding of proteins in the ER., subcellular location: Identified by mass spectrometry in melanosome fractions from stage I to stage IV., subunit: Homodimer. Part a large chaperone multiprotein complex comprising CABP1, DNAJB11, HSP90B1, HSPA5, HYOU, PDIA2, PDIA4, PPIB, SDF2L1, UGT1A1 and very small amounts of ERP29, but not, or at very low levels, CALR nor CANX., tissue specificity: Ubiquitous. Mostly expressed in secretory tissues.,



Background

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. [provided by RefSeq, Jul 2008],

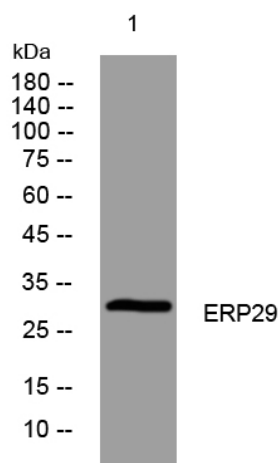
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from HeLa cells, primary antibody was diluted at 1:1000, 4° over night