Product Datasheet

ERP29 Antibody

Catalog No: #37555

Package Size: #37555-1 50ul #37555-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

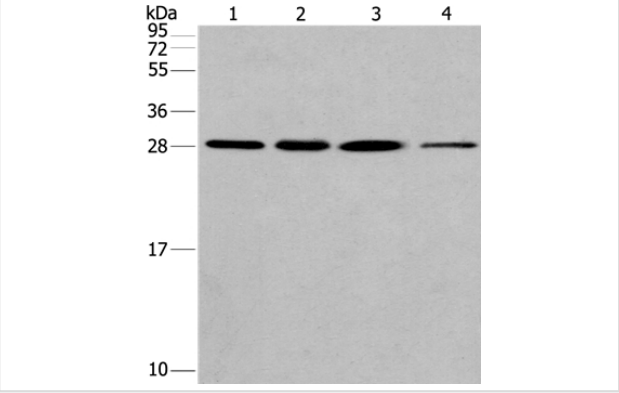
Product Name	ERP29 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous levels of total ERP29 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human endoplasmic reticulum protein 29
Conjugates	Unconjugated
Target Name	ERP29
Other Names	ERp28; ERp31; PDIA9; PDI-DB; C12orf8
Accession No.	Swiss-Prot#: P30040NCBI Gene ID: 10961Gene Accssion: NP_006808
SDS-PAGE MW	29kd
Concentration	2.6mg/ml
Formulation	Rabbit IgG in pH7.3 PBS, 0.05% NaN3, 50% Glycerol.
Storage	Store at -20°C

Application Details

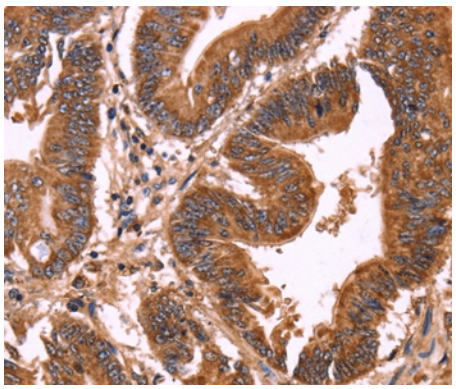
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:50-1:200

Images



Gel: 10%SDS-PAGE
Lysates (from left to right): Hela cell and human fetal liver tissue, A549 and 293T cell
Amount of lysate: 40ug per lane
Primary antibody: 1/200 dilution
Secondary antibody dilution: 1/8000
Exposure time: 40 seconds



Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using #37555 at dilution 1/40.

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

Published Papers

el at., miR-205-5p downregulation decreases gemcitabIne sensitivity of breast cancer cells via ERp29 upregulation. In Exp Ther Med on 2019 Nov by Ma C, Shi X, et al..PMID:31602229, , (2019)

PMID:31602229

Note: This product is for in vitro research use only and is not intended for use in humans or animals.