

# GOAT ANTI-ERP29 ANTIBODY

**SKU:** EB08977



## SPECIFICATIONS

<b>Formulation</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Unit Size</b>	100 µg
<b>Storage Instructions</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Synonym / Alias Names</b>	endoplasmic reticulum luminal protein ERp28 PDI-DB ERp31 ERp28 C12orf8 endoplasmic reticulum protein 29 ERP29
<b>Usage Summary</b>	<strong>Immunofluorescence:</strong> This product has been successfully used in IF on Rat: Gao J et al, Mol Med Rep. 2016 Jan;13(1):398-402. PMID: 26548430.
<b>Accession ID</b>	NP_006808.1
<b>Blocking Peptide</b>	EBP08977
<b>Immunogen</b>	Peptide with sequence C-EKNKMSDGGKEELQ, from the C Terminus of the protein sequence according to NP_006808.1.
<b>Product Comments</b>	This antibody is expected to recognize isoform 1 (NP_006808.1) only.
<b>Peptide Sequence</b>	C-EKNKMSDGGKEELQ
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Rat, Dog, Pig, Cow
<b>Reactive Species</b>	Human, Rat
<b>Human Gene ID</b>	10961
<b>Mouse Gene ID</b>	67397
<b>Rat Gene ID</b>	117030
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a>
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:2000.
<b>Western Blot</b>	Approx. 28kDa band observed in Human Liver lysates (calculated MW of 29.0kDa according to NP_006808.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour. This product has been successfully used in WB on Rat: Gao J et al, Mol Med Rep. 2016 Jan;13(1):398-402. PMID: 26548430.
<b>Application Type</b>	Pep-ELISA, WB, IF

## SELECTED REFERENCES

[{"pmid": 26548430, "intro": "**This antibody has been successfully used in WB and IF on Rat:**", "title":

"Endoplasmic reticulum protein 29 is involved in endoplasmic reticulum stress in islet beta cells.", "author": "Gao J, Zhang Y, Wang L, Xia L, Lu M, Zhang B, Chen Y, He L.", "journal": "Mol Med Rep. 2016 Jan;13(1):398-402."}]

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

