

GOAT ANTI-TIM50 ANTIBODY

SKU: EB06513



250kDa
150kDa
100kDa

75kDa

50kDa

37kDa

25kDa
20kDa

15kDa

SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	TIM50 MGC102733 translocase of inner mitochondrial membrane 50 homolog (S. cerevisiae) homolog of yeast Tim50 Tim50-like protein translocase of inner mitochondrial membrane 50 homolog (yeast) TIM50L TIMM50
Accession ID	NP_001001563.1
Blocking Peptide	EBP06513
Immunogen	Peptide with sequence CDVRTVLEHYALEDD, from the internal region of the protein sequence according to NP_001001563.1.
Product Comments	This antibody is expected to recognise an epitope corresponding to aa 396-409 of human TIM50.
Peptide Sequence	CDVRTVLEHYALEDD
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog, Cow
Reactive Species	Human
Human Gene ID	92609
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Western Blot	Approx 39kDa in Human Heart lysate (Calculated MW of 50.5kDa according to NP_001001563.1) . The observed molecular weight corresponds to earlier finding in literature with different antibodies (Guo et al, J Bio Chem 2004 Jun 4;279:24813-25; PMID: 15044455). Recommended concentration: 0.5-1.5µg/ml.
Application Type	Pep-ELISA, WB

SELECTED REFERENCES

[{"pmid": 22087287, "intro": "**This antibody (previous batch) has been successfully used in Western blot on Dog:**", "title": "Involvement of FOXO transcription factors, TRAIL-FasL/Fas, and sirtuin proteins family in canine coronavirus type II-induced apoptosis.", "author": "Marfè G, Tafani M, Fiorito F, Pagnini U, Iovane G, De Martino L.", "journal": "PLoS One. 2011;6(11)."}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

