



GOAT ANTI-ABCB10 ANTIBODY

SKU: EB08701



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	ABCB10 ATP-binding cassette, sub-family B (MDR/TAP), member 10 EST20237 M-ABC2 MTABC2 ATP-binding cassette, sub-family B, member 10 ABC-me
Accession ID	NP_036221.2
Blocking Peptide	EBP08701
Immunogen	Peptide with sequence C-KPNGIYRKL MNKQ, from the C Terminus of the protein sequence according to NP_036221.2.
Peptide Sequence	C-KPNGIYRKL MNKQ
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
Human Gene ID	23456
Mouse Gene ID	56199
Rat Gene ID	361439
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:64000.



**Western
Blot**

Preliminary experiments gave bands at approx. 90kDa and 50kDa in Human Bone Marrow lysates after 0.05µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 79.1kDa according to NP_036221.2 and given the expected mature size of ~65kDa according to Graf et al. (PMID: 15215243). Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

**Application
Type** Pep-ELISA

DOCUMENTS

- [Data Sheet](#)