GOAT ANTI-ANKYRIN 1 / ANK1 ANTIBODY

SKU: EB08509

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	ankyrin-R|ankyrin-1, erythrocytic|ankyrin 1|SPH2|SPH1|ANK|ankyrin 1, erythrocytic|ANK1
Accession ID	NP_000028.3; NP_065208.2; NP_065209.2; NP_065210.2; NP_065211.2; NP_065213.2
Blocking Peptide	EBP08509
Immunogen	Peptide with sequence C-QIVKRASLKRGKQ, from the C Terminus of the protein sequence according to NP_000028.3; NP_065208.2; NP_065209.2; NP_065210.2; NP_065211.2; NP_065213.2.
Product Comments	This antibody is expected to recognise isoform 3 (NP_000028.3) and isoform 5 (NP_065211.2).
Peptide Sequence	C-QIVKRASLKRGKQ
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, Cow
Human Gene ID	286
Mouse Gene ID	11733
Rat Gene ID	306570
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 1:128000.

Western Blot	Preliminary experiments gave approx. 19-23 kDa bands in Human Skeletal Muscle lysates after 0.01µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for these bands we observe given the observed 28+30 kDa bands in the literature for this tissue (PMID: 9430667) and given the calculated size of 17.6 kDa according to NP_065211.2. The 19-22 kDa bands were successfully blocked by incubation with the immunizing peptide.
Application Type	Pep-ELISA

DOCUMENTS

- Data Sheet