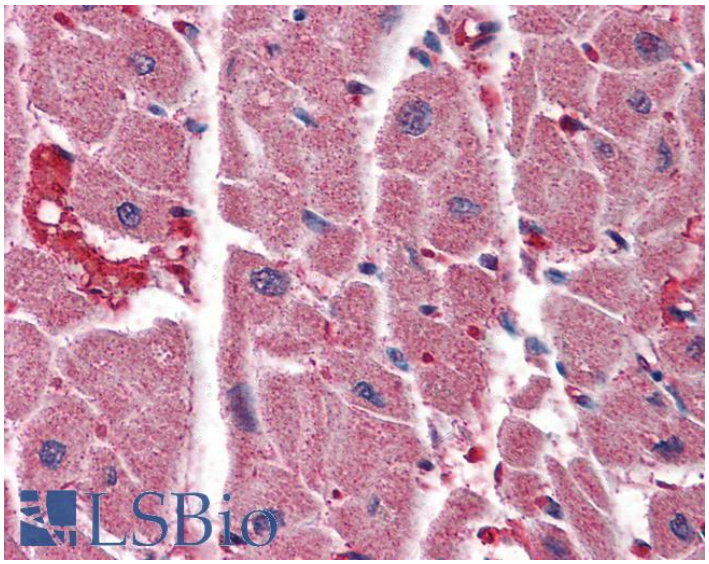
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GOAT ANTI-ITPR2 ANTIBODY

SKU: EB07063



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	IP3R2|HGNC:6181|inositol 1, 4, 5-triphosphate receptor, type 2|ITPR2
Accession ID	NP_002214.2
Blocking Peptide	EBP07063
Immunogen	Peptide with sequence C-PIEESNILSPVQD, from the internal region of the protein sequence according to NP_002214.2.
Product Comments	No cross-reactivity expected with other types of ITPR.
Peptide Sequence	C-PIEESNILSPVQD
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	3709
Mouse Gene ID	16439
Rat Gene ID	81678
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	Paraffin embedded Human Kidney, Skin and Heart. Recommended concentration: 3.75µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Western Blot	Preliminary experiments gave an approx 28-30kDa band in Human Heart lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 308kDa according to NP_002214.2. The 28-30kDa band was successfully blocked by incubation with the immunizing peptide.
Application Type	Pep-ELISA, IHC

DOCUMENTS

- Data Sheet

GALLERY IMAGES

