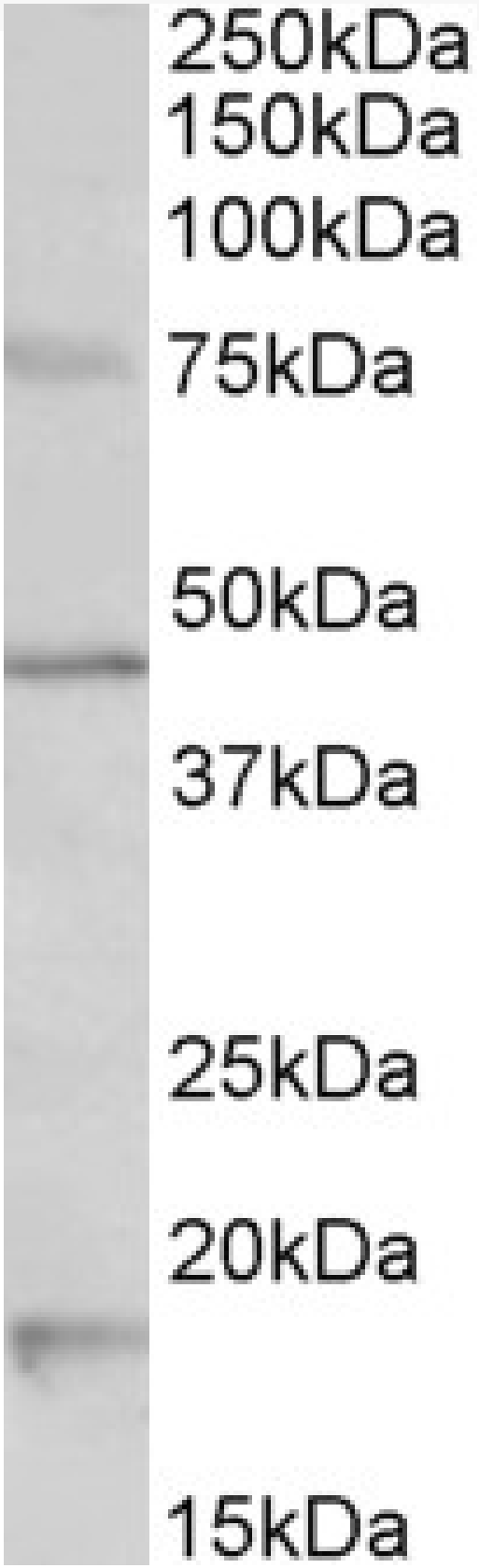
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GOAT ANTI-HTR1A (MOUSE) ANTIBODY

SKU: EB11006

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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	Htr1a| serotonin receptor 1A| G-protein coupled receptor 18| Gpcr18| 5-hydroxytryptamine receptor 1A| 5-hydroxytryptamine (serotonin) receptor 1A| 5-HT1A receptor| 5-HT-1A| serotonin receptor 1A| G-protein coupled receptor 18| 5-hydroxytryptamine receptor 1A| 5-HT1A receptor| 5-HT-1A| Gpcr18| 5-hydroxytryptamine (serotonin) receptor 1A|Htr1a
Accession ID	NP_032334.2
Blocking Peptide	EBP11006
Immunogen	Peptide with sequence C-ERKNERTAEAKRK, from the internal region of the protein sequence according to NP_032334.2.
Peptide Sequence	C-ERKNERTAEAKRK
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
Reactive Species	Human, Mouse
Human Gene ID	3350
Mouse Gene ID	15550
Rat Gene ID	24473
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 45kDa band observed in Mouse Brain lysates (calculated MW of 46.2kDa according to Mouse NP_032334.2). Recommended concentration: 1-3µg/ml. Additional bands of 75 and 18kDa of unknown identity were consistently observed. These bands were successfully blocked by incubation with the immunizing peptide. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Rat Brain for this particular batch.
Application Type	Pep-ELISA, WB

SELECTED REFERENCES

[{"pmid": 19075042, "intro": "**This antibody has been successfully used in Western blot on Human:**", "title":
"Characterization of serotonin receptors in pregnant human myometrium.", "author": "Cordeaux Y, Pasupathy D, Bacon J, Charnock-Jones DS, Smith GC.", "journal": "J Pharmacol Exp Ther. 2009 Mar;328(3):682-91."}]

DOCUMENTS

- Data Sheet

GALLERY IMAGES

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