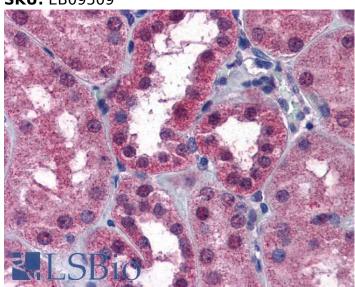
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GOAT ANTI-P2RX7 / P2X7 RECEPTOR ANTIBODY

SKU: EB09509



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

Instructions Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym /

Alias **Names** purinergic receptor P2X7|P2Z receptor|P2X7 receptor|P2X7 purinoceptor 7|ATP receptor|P2X7|MGC20089|purinergic receptor P2X, ligand-gated ion channel, 7|P2RX7

Usage Summary

Immunofluorescence: Strong expression of the protein seen in the cytoplasm and plasma membranes of HeLa cells. Recommended concentration: 10µg/ml. This antibody has been successfully used in IF on Mouse: Thaler R et al. (2015) PMID: 25491310. Flow Cytometry: Flow cytometric analysis of

HeLa cells. Recommended concentration: 10ug/ml.

Accession

Blocking

Peptide

EBP09509

NP_002553.3

Immunogen | Fepale | NP_002553.3. Peptide with sequence YETNKVTRIQSMNY-C, from the N Terminus of the protein sequence according to

Peptide Sequence

YETNKVTRIQSMNY-C





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Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using

the immunizing peptide. Method

Shipping

Refrigerated

Predicted

Human, Mouse, Rat, Dog Species

Reactive

Species

Human, Mouse

Human **Gene ID**

5027

Mouse

Gene ID

18439

Rat Gene ID 29665

Product Grade

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png

In paraffin embedded Human Brain Cortex shows membranous staining of cell bodies and processes.

IHC Results Recommended concentration: 3-6µg/ml. Paraffin embedded Human Kidney. Recommended concentration:

 $3.75 \mu g/ml$.

FI ISA

Detection

Antibody detection limit dilution 1:16000.

Limit

Approx 37kDa and 70kDa band observed in Human Brain (Frontal Cortex) lysates (calculated MW of 68.6kDa

Western according to NP_002553.2). Recommended concentration: 1-3µg/ml. Primary incubation was an 1 hour. An

Blot additional band of unknown identity was also consistently observed at 37kDa. This band was successfully blocked

by incubation with the immunizing peptide.

Application

Type

Pep-ELISA, WB, IHC, IF, FC

SELECTED REFERENCES

[{"pmid": 25491310, "intro": "This antibody has been successfully used in IF on Mouse:", "title": "Acute-phase protein serum amyloid A3 is a novel paracrine coupling factor that controls bone homeostasis.", "author": "Thaler R, Sturmlechner I, Spitzer S, Riester SM, Rumpler M, Zwerina J, Klaushofer K, van Wijnen AJ, Varga F.", "journal": "FASEB J. 2015 Apr;29(4):1344-59."}]

GALLERY IMAGES





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