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Research Use Only. Not for diagnostic or therapeutic use.

EB11413 - Goat Anti-P2rx4 (mouse) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: AI504491, ATP receptor, AW555605, D5Ertd444e, ionotropic

purinergic receptor, OTTMUSP00000023741, OTTMUSP00000023745, OTTMUSP00000023746, OTTMUSP00000023747, P2X purinoceptor 4, P2X4, purinergic

receptor P2X, ligand-gated ion channel, 4, P2rx4

Official Symbol: P2rx4

Accession Number(s): NP_035156.2

Human GeneID(s): 5025

Non-Human GenelD(s): 18438 (mouse), 29659 (rat)

Immunogen

Peptide with sequence C-ETDSVVSSVTTKAK, from the internal region of the protein sequence according to NP_035156.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

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

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

IHC: Paraffin embedded Human Colon and Mouse Small Intestine. Recommended

concentration: 7µg/ml.

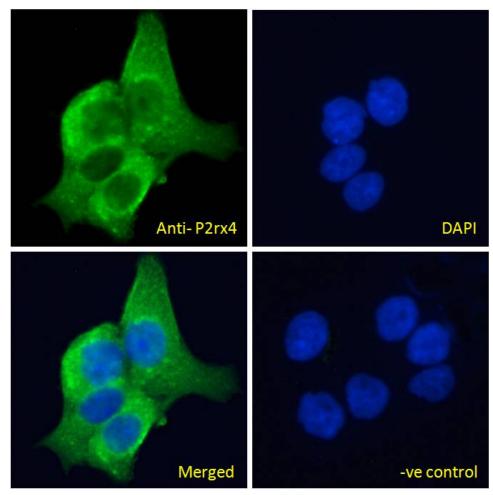
Immunofluorescence: Strong expression of the protein seen in the cytoplasm of A431

cells. Recommended concentration: 10µg/ml.

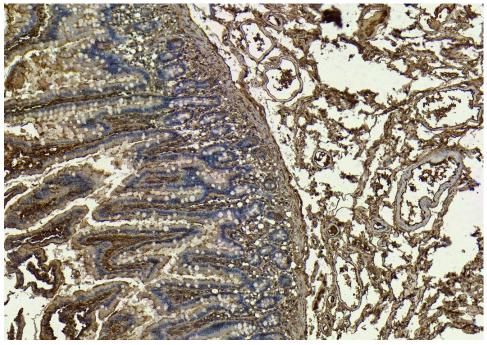
Species Reactivity

Tested: Human, Mouse

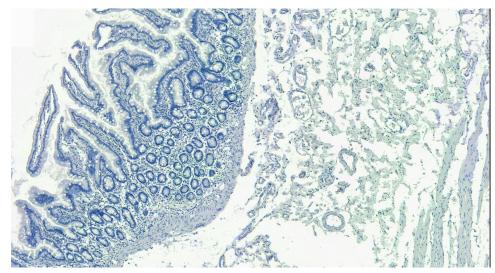
Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



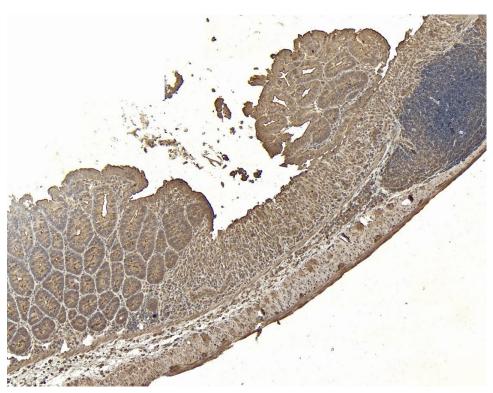
EB11413 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml).



EB11413 (7μg/ml) staining of paraffin embedded Human Colon. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB11413 Negative Control showing staining of paraffin embedded Human Colon, with no primary antibody



EB11413 (7μg/ml) staining of paraffin embedded Mouse Small Intestine. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB11413 Negative Control showing staining of paraffin embedded Mouse Small Intestine, with no primary antibody.