BMA BIOMEDICALS

Peninsula Laboratories

Rabbit anti PAR-2 (1-6) amide

Protease activated receptor 2 (PAR-2) is a proteolytically cleaved receptor which stimulates the increase of cytosolic Ca2+. SLIGKV-NH2 corresponds to the tethered ligand sequence of human PAR-2. PAR-2 (1-6) has been used as a proteinase-activated receptor 2 agonist to induce the expression of Hh and Hippo genes in Hek293A cells.

This antibody was generated by immunization of rabbits with PAR-2 (1-6) coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4861 (Lot n/a)
Clonality:	Polyclonal
Host species:	Rabbit IgG
Reactivity:	Mouse, Rat
Quantity:	400µg
Format:	Protein A affinity purified from antiserum, lyophilized. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative. Reconstitute by adding 0.2ml of distilled water.
Stability and Storage:	Original vial: 1 year at 4° - 8°C from date of purchase. Stock solution and aliquots thereof: 1 year at -20°C. Avoid freeze-thaw cycles.
Immunogen:	Synthetic peptide H-Ser-Leu-Ile-Gly-Arg-Leu-NH2 coupled to a carrier protein.
Protein database:	n/a

Cross-Reactivity:

PEPTIDE:	**%:**
PAR-2 (1-6) amide (mouse, rat)	100

Crossreactivity taken from Enzyme immunoassay application.

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Applications:

Tested in ELISA against PAR-2 (1-6) and in immunohistochemistry (IHC). Other applications like FACS and Western blot may work as well.

Approximate working dilution for IHC:
Paraffin sections: (1:800); pretreatment with Proteinase K for antigen retrieval is recommended.

Optimal dilutions should be determined by the end user.

Please see **www.bma.ch** for protocols and general information

This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Not for diagnostic or therapeutic applications.

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