

Product Datasheet

Anti-Neurokinin 1 Receptor/TACR1 Antibody (orb259623)

Description	Anti-Neurokinin 1 Receptor/TACR1 Antibody. Tested in WB applications. This antibody reacts with Human, Rat.
Species/Host	Rabbit
Reactivity	Human, Rat
Conjugation	Unconjugated
Tested Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human TACR1, different from the related mouse sequence by one amino acid, and from the related rat sequence by two amino acids.
Form/Appearance	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Application notes	Western blot, 0.1-0.5µg/ml, Human, Rat. Add 0.2ml of distilled water will yield a concentration of 500ug/ml
Isotype	Rabbit IgG
Clonality	Polyclonal
Antibody Type	Primary Antibody
MW	55 kDa

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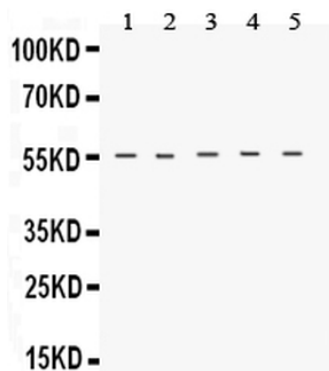
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Uniprot ID**P25103****Expiration Date**

12 months from date of receipt.



Western blot analysis of TACR1 using anti-TACR1 antibody. Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. Lane 1: Human Placenta Tissue Lysate at 50 ug, Lane 2: Rat Lung Tissue Lysate at 50 ug, Lane 3: Rat Brain Tissue Lysate at 50 ug, Lane 4: U87 Whole Cell Lysate at 40 ug, Lane 5: A431 Whole Cell Lysate at 40 ug. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-TACR1 antigen affinity purified polyclonal antibody at 0.5 µg/mL overnight at 4°C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for TACR1 at approximately 55 kDa. The expected band size for TACR1 is at 46 kDa.

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