

Datasheet for ABIN7270711

anti-TACR1 antibody**2** Images[Go to Product page](#)

Overview

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|--------------|--------------------------------------|
| Quantity: | 100 µL |
| Target: | TACR1 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Monoclonal |
| Conjugate: | This TACR1 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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|-------------------|--|
| Purpose: | Neurokinin 1 Receptor (NK1R) Rabbit mAb |
| Immunogen: | A synthesized peptide derived from human Neurokinin 1 Receptor (NK1R) (NK1R) |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Characteristics: | Monoclonal Antibodies |
| Purification: | Affinity purification |

Target Details

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|-------------------|--|
| Target: | TACR1 |
| Alternative Name: | TACR1 (TACR1 Products) |
| Background: | This gene belongs to a gene family of tachykinin receptors. These tachykinin receptors are |

Target Details

characterized by interactions with G proteins and contain seven hydrophobic transmembrane regions. This gene encodes the receptor for the tachykinin substance P, also referred to as neurokinin 1. The encoded protein is also involved in the mediation of phosphatidylinositol metabolism of substance P. [provided by RefSeq, Sep 2008],NK1R, NKIR, SPR, TAC1R,G protein signaling,G protein signaling_G-Protein-Coupled Receptors(GPCR),Neuroscience,Signal Transduction,TACR1

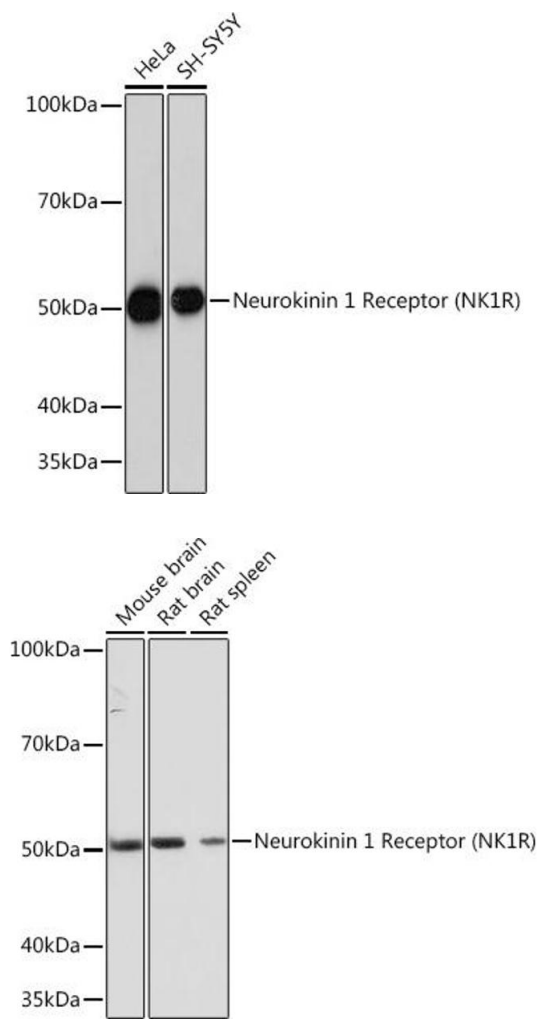
| | |
|-------------------|---|
| Molecular Weight: | 48kDa |
| Gene ID: | 6869 |
| UniProt: | P25103 |
| Pathways: | Regulation of Systemic Arterial Blood Pressure by Hormones , Feeding Behaviour , Smooth Muscle Cell Migration |

Application Details

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|--------------------|-----------------------|
| Application Notes: | WB,1:500 - 1:2000 |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Buffer: | PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Avoid freeze / thaw cycles. |



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using Neurokinin 1 Receptor (NK1R) (NK1R) Rabbit mAb (ABIN7270711) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using Neurokinin 1 Receptor (NK1R) (NK1R) Rabbit mAb (ABIN7270711) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.