

TACR1 Antibody

TACR1, tachykinin receptor 1, NK1R, neurokinin 1 receptor, NK1R, SPR, TAC1R, NK-1 receptor, Tachykinin receptor 1 (substance P receptor, neurokinin-1 receptor), neurokinin 1 receptor, tachykinin 1 receptor (substance P receptor, neurokinin 1 receptor)

CATALOG NO.: 46-465

HOST:

Goat

CLONALITY:

Polyclonal

INFORMATION:

TACR1 Antibody. This antibody is expected to recognise both reported isoforms (NP_001049.1 and NP_056542.1).

SOURCE:

TACR1 antibody was raised against a synthetic peptide of TACR1.

PROTEIN ACCESSION NUMBER(S) :

NP_001049.1*, NP_056542.1*

SPECIES REACTIVITY:

Human, Mouse, Rat, Dog

TESTED APPLICATION:

WB, E

APPLICATION:

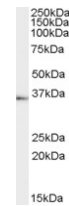
Peptide ELISA: antibody detection limit dilution 1:32,000.
Western Blot: Approx 36kDa band observed in Human Testis lysates (calculated MW of 35.7kDa according to NP_056542.1). Recommended concentration: 1-3µg/ml.

PURIFICATION:

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

BUFFER:

0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Western blot analysis of TACR1 in Human Testes lysate (35µg protein in RIPA buffer) using TACR1 antibody (1µg/ml).

STORAGE:

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

REFERENCE:

Lai JP, Ho WZ, Kilpatrick LE, Wang X, Tuluc F, Korchak HM, Douglas SD. Full-length and truncated neurokinin-1 receptor expression and function during monocyte/macrophage differentiation. Proc Natl Acad Sci U S A. 2006 May 16;103(20):7771-6. Epub 2006 May

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.