

Datasheet for ABIN725315
anti-TACR2 antibody (AA 223-300)

3 Images

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Overview

Quantity:	100 µL
Target:	TACR2
Binding Specificity:	AA 223-300
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TACR2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NK2R
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Cow,Pig,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	TACR2
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Target Details

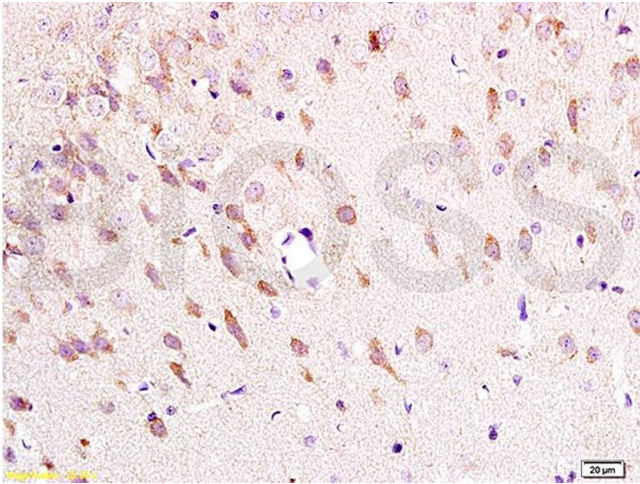
Alternative Name:	Neurokinin A Receptor (TACR2 Products)
Background:	<p>Synonyms: SKR, NK2R, NKNAR, TAC2R, Substance-K receptor, NK-2 receptor, NK-2R, Neurokinin A receptor, Tachykinin receptor 2, TACR2</p> <p>Background: This is a receptor for the tachykinin neuropeptide substance K (neurokinin A). It is associated with G proteins that activate a phosphatidylinositol-calcium second messenger system. The rank order of affinity of this receptor to tachykinins is: substance K > neuromedin-K > substance P.</p>
Gene ID:	6865
UniProt:	P21452
Pathways:	Hormone Transport , Negative Regulation of Hormone Secretion

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

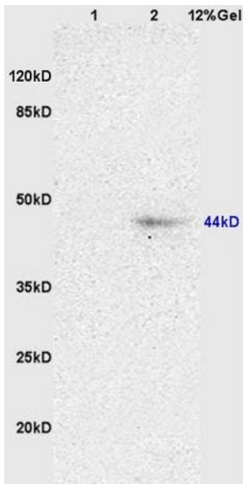
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.



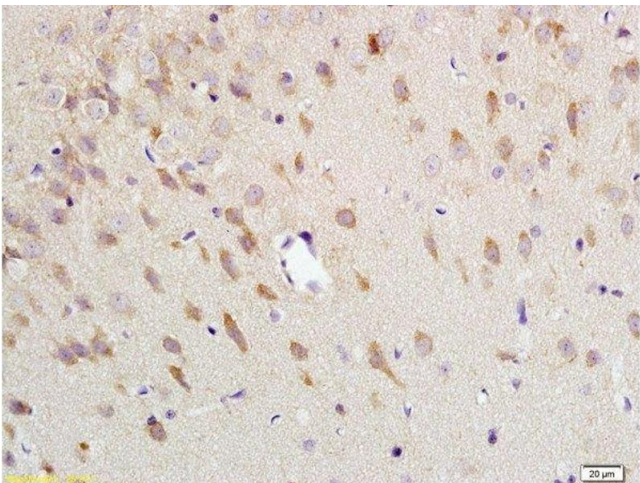
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded: rat brain tissue labeled with Anti-NK-2R Polyclonal Antibody (ABIN725315), Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining



SDS-PAGE

Image 2. L1 rat brain lysates L2 rat heart lysates probed with Anti NK-2R/Neurokinin A Polyclonal Antibody, Unconjugated (ABIN725315) at 1:200 overnight at 4 °C. Followed by conjugation to secondary antibody at 1:3000 for 90 min at 37 °C. Predicted band 44kD. Observed band size:44kD.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin embedded: rat brain tissue labeled with Anti-NK-2R Polyclonal Antibody , Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining