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Datasheet for ABIN2788314
anti-F2RL1 antibody (C-Term)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	F2RL1
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This F2RL1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	VSHDFRDHAK NALLCRSVRT VKQMQLVSLTS KKHSRKSSSY SSSSTTVKTS
Predicted Reactivity:	Dog: 93%, Guinea Pig: 86%, Human: 100%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against F2RL1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	F2RL1
Alternative Name:	F2RL1 (F2RL1 Products)
Background:	Coagulation factor II (thrombin) receptor-like 1 (F2RL1) is a member of the large family of 7-transmembrane-region receptors that couple to guanosine-nucleotide-binding proteins. F2RL1

Target Details

is also a member of the protease-activated receptor family. It is activated by trypsin, but not by thrombin. It is activated by proteolytic cleavage of its extracellular amino terminus. The new amino terminus functions as a tethered ligand and activates the receptor. The F2RL1 gene contains two exons and is widely expressed in human tissues. The predicted protein sequence is 83 % identical to the mouse receptor sequence.

Alias Symbols: GPR11, PAR2

Protein Interaction Partner: BIRC5, COPS5, UBC, Cbl, ST14, GPRASP1, PRTN3, F2, PLG, ELANE, CTSG, CAPN2, CAPN1,

Protein Size: 397

Molecular Weight: 44 kDa

Gene ID: 2150

NCBI Accession: [NM_005242](#), [NP_005233](#)

UniProt: [P55085](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 397 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Handling

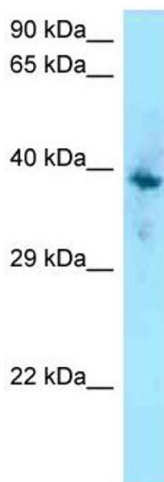
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Yau, Liu, Fairlie: "Toward drugs for protease-activated receptor 2 (PAR2)." in: **Journal of medicinal chemistry**, Vol. 56, Issue 19, pp. 7477-97, (2013) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-F2RL1 Antibody Titration: 1.0 ug/ml Positive Control: MCF7 Whole Cell