

Datasheet for ABIN2790256
anti-GPR78 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	GPR78
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR78 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human GPR78
Sequence:	ILSKCLTYSK AVADPFTYSL LRRPFRQVLA GMVHRLKRT PRPASTHDSS
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against GPR78. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	GPR78
Alternative Name:	GPR78 (GPR78 Products)
Background:	The protein encoded by this gene belongs to the G protein-coupled receptor family, which

Target Details

contain 7 transmembrane domains and transduce extracellular signals through heterotrimeric G proteins. This is an orphan receptor, which displays significant level of constitutive activity. Association analysis shows preliminary evidence for the involvement of this gene in susceptibility to bipolar affective disorder and schizophrenia. Alternatively spliced transcript variants have been found for this gene.

Alias Symbols: -

Protein Interaction Partner: APP,

Protein Size: 363

Molecular Weight: 39 kDa

Gene ID: 27201

NCBI Accession: [NM_080819](#), [NP_543009](#)

UniProt: [Q96P69](#)

Application Details

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

Comment: Antigen size: 363 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.

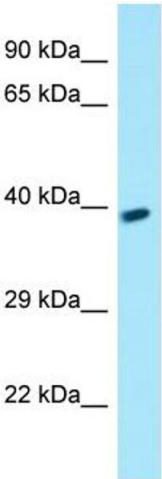
Preservative: Sodium azide

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.

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.



Western Blotting

Image 1. WB Suggested Anti-GPR78 Antibody Titration: 1.0 ug/ml Positive Control: Fetal kidney