antibodies -online.com





anti-KISS1R antibody (3rd Extracellular Loop)





Go to Product page

\sim							
0	۱۱/	Δ	r\	/ I		1/	١.
\cup	v	$\overline{}$	ΙV	1	$\overline{}$	٧	٧

Quantity:	25 μL
Target:	KISS1R
Binding Specificity:	3rd Extracellular Loop, AA 292-305
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KISS1R antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)
Product Details	
Immunogen:	Immunogen: Synthetic peptide
	Immunogen Sequence: (C)GSWHPRSYAAYALK, corresponding to amino acid residues 292-305 of human KISS1R
Isotype:	IgG
Characteristics:	Anti-KISS1 Receptor (GPR54) (extracellular) Antibody (ABIN7043294, ABIN7044548 and
	ABIN7044549)) is a highly specific antibody directed against an epitope of the human
	kisspeptin receptor. The antibody can be used in western blot and immunohistochemistry
	applications. It has been designed to recognize KISS1R from human, rat, and mouse samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

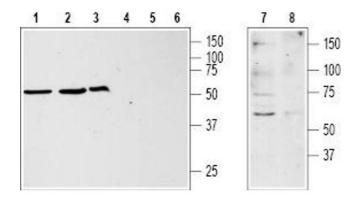
Target:	KISS1R
Alternative Name:	KISS1 Receptor (GPR54) (KISS1R Products)
Background:	Alternative names: KISS1 Receptor (GPR54), Kisspeptin receptor, KISS1R, Metastin receptor, AXOR12
Gene ID:	84634
NCBI Accession:	NM_032551
UniProt:	Q969F8

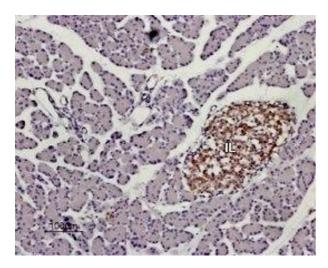
Application Details

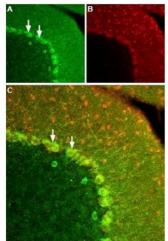
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	$25~\mu\text{L},50~\mu\text{L}$ or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.75 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
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:	RT,4 °C,-20 °C
Storage Comment:	Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C. Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).







Western Blotting

Image 1. Western blot analysis of Jurkat (lanes 1 and 4), HL-60 (lanes 2 and 5), MCF-7 (lanes 3 and 6) and rat brain (lanes 7 and 8) lysates: - 1,2,3,7. Anti-KISS1 Receptor (GPR54) (extracellular) Antibody (ABIN7043294, ABIN7044548 and ABIN7044549), (1:500).4,5,6,8. Anti-KISS1 Receptor (GPR54) (extracellular) Antibody, preincubated with KISS1 Receptor/GPR54 (extracellular) Blocking Peptide (#BLP-KR001).

Immunohistochemistry

Image 2. Expression of KISS1R in rat pancreas - Immunohistochemical staining of paraffin embedded section of rat pancreas using Anti-KISS1 Receptor (GPR54) (extracellular) Antibody (ABIN7043294, ABIN7044548 and ABIN7044549), (1:100). KISS1R staining (brown) appears in Isles of Langerhans (IL). Hematoxilin is used as the counterstain.

Immunohistochemistry

Image 3. Expression of KISS1R in rat cerebellum - Immunohistochemical staining of frozen rat cerebellum section using Anti-KISS1 Receptor (GPR54) (extracellular) Antibody (ABIN7043294, ABIN7044548 and ABIN7044549), (1:100). A. KISS1R (green) was expressed particularly in Purkinje cell bodies (arrows). B. Staining with mouse antiparvalbumin (red) detected Purkinje cells and interneurons in the molecular layer. C. Merge of the two images demonstrates that the staining was restricted to Purkinje cells.

Please check the product details page for more images. Overall 4 images are available for ABIN7043294.