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Datasheet for ABIN734713
anti-UTS2R antibody (AA 101-200) (Cy5.5)

Overview

Quantity:	100 µL
Target:	UTS2R
Binding Specificity:	AA 101-200
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UTS2R antibody is conjugated to Cy5.5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human UTS2R
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat
Purification:	Purified by Protein A.

Target Details

Target:	UTS2R
Alternative Name:	Gpr14 (UTS2R Products)

Target Details

Background: Synonyms: G protein coupled receptor 14, Urotensin II receptor UR II R, UTR, UTR2, UTS2R, G Protein Coupled Receptor 14, GPCR GPR14, Urotensin II receptor, UR-II-R, UR-2-R, G-protein coupled receptor 14, G-protein coupled sensory epithelial neuropeptide-like receptor, SENR, GPR14, UR2R_HUMAN, GPCR GPR14.

Background: GPCR GPR14 has been reported to be expressed at high levels in the heart and pancreas and also in artery and smooth muscle. Low transcript levels have been identified in brain, particularly in thalamus, superior occipital gyrus, and substantia nigra. GPR14 is a high affinity receptor for urotensin-2 and urotensin-2B. The activity of this receptor is mediated by a G-protein that activates a phosphatidylinositol-calcium second messenger system. Referenced from Swiss-Prot Q9UKP6.

Gene ID: 2837

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months