

Datasheet for ABIN122164

anti-KISS1R antibody (Cytoplasmic Domain)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	KISS1R
Binding Specificity:	Cytoplasmic Domain
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KISS1R antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthetic peptide - KLH conjugated
Specificity:	Reacts with G Protein-Coupled Receptor GPR54 (Family: GPCR, subfamily: Metastin).
Cross-Reactivity (Details):	Species reactivity (expected):Mouse and Rat. Species reactivity (tested):Human.
Purification:	Immunoaffinity Chromatography.

Target Details

Target:	KISS1R
Alternative Name:	KISS1R / GPR54 (KISS1R Products)
Background:	GPR54 is a Metastin Receptor. Metastin, also known as KiSS-1, is a metastasis suppressor

Target Details

gene. Mutations in GPR54 have been shown to cause autosomal recessive idiopathic hypogonadotropic hypogonadism in humans and mice, suggesting that GPR54 is a key regulator for the onset of puberty . GPR54 has been reported in various human brain regions, placenta, pancreas, and spinal cord, and at lower levels in spleen, peripheral blood leukocytes, testis, lymph node, thymus, small intestine, stomach, lung, and kidney. The receptor is also abundant in tumor tissues. In rat, GPR54 is expressed in liver, intestine, and in the pons, midbrain, thalamus, hypothalamus, hippocampus, amygdala, cortex (including frontal), and striatum. ESTs have been isolated from normal placenta and kidney cancer libraries. Synonyms: AXOR12, G-protein coupled receptor 54, Hypogonadotropin-1, KiSS-1 receptor, Kisspeptins receptor, Metastin receptor, OT7T175

Gene ID: 84634

UniProt: [Q969F8](#)

Application Details

Application Notes: Immunohistochemistry on Paraffin Embedded Sections: 2-20 µg/mL Antigen retrieval: Steam slides in 0.01 M sodium citrate buffer, pH 6.0, at 99-100 °C for 20 min. Remove from heat and let stand at room temperature in buffer for 20 min. Rinse in 1x TBS with Tween (TBST) for 1 min. at room temperature.

Other applications not tested.

Optimal dilutions are dependent on conditions and should be determined by the user. Further Comments: This product was originally produced by MBL International.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS containing 0.09 % Sodium Azide as preservative.

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: 4 °C/-20 °C

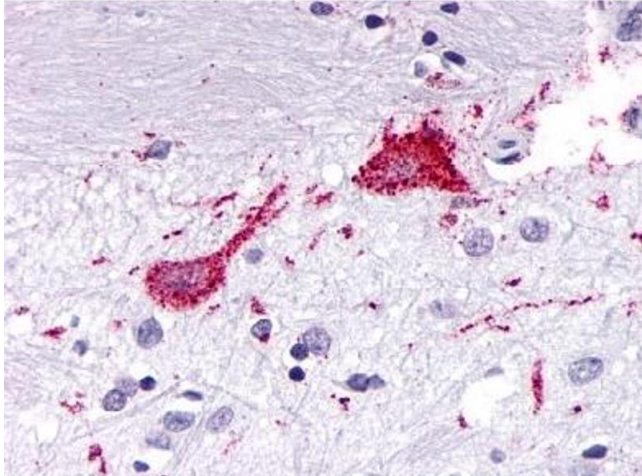
Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C to -70 °C for longer. Avoid repeated freezing and thawing.

Handling

Shelf life: one year from despatch.

Expiry Date: 12 months

Images



Immunohistochemistry

Image 1. Immunohistochemical staining of Brain (Neurons and glia) using anti- KISS1R antibody ABIN122164