

Anti-Nociceptin receptor Polyclonal Antibody 2

Product Details

Ig Type:	IgG
Reactivity:	Human, Mouse, Rat (predicted: Dog, Pig, Cow, Horse, Guinea Pig)
Molecular Weight:	Theoretical: 40 kDa. Actual: 40/52 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Sample: Heart (Rat) lysate at 30 µg; Brain (Rat) lysate at 30 µg; Primary: Anti-Nociceptin receptor (TMAB-09551) at 1: 200 dilution; Secondary: HRP conjugated Goat-Anti-Rabbit IgG at 1: 3000 dilution; Predicted band size: 40 kD Observed band size: 40 kD
	2. Tissue/cell: human placenta tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-Nociceptin receptor Polyclonal Antibody, Unconjugated (TMAB-09551) 1: 200, overnight at 4°C; The secondary antibody was Goat Anti-Rabbit IgG, Cy3conjugated used at 1: 200 dilution for 40 minutes at 37°C.
	3. Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-Nociceptin receptor Polyclonal Antibody, Unconjugated (TMAB-09551) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
	4. Sample: Heart (Mouse) Lysate at 40 µg Primary: Anti-Nociceptin receptor (TMAB-09551) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 40 kD Observed band size: 52 kD
Application:	WB, IHC-P, IHC-Fr, IF
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human Nociceptin receptor
Antigen Species: Human
Gene ID: 4987
Uniprot ID: P41146

Research Background

Nociceptin receptor Receptor for the neuropeptide nociceptin/orphanin FQ. Has a potential role in modulating a number of brain functions, including instinctive behaviors and emotions. The activity of this receptor is mediated by G proteins which inhibits adenylyl cyclase[subcellular location] integral membrane protein. Belongs to the G-protein coupled receptor 1 family.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481