



# MRGRD Polyclonal Antibody

<b>Catalog No</b>	BYab-07416
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	MRGPRD MRGD
<b>Protein Name</b>	Mas-related G-protein coupled receptor member D (Beta-alanine receptor) (G-protein coupled receptor TGR7)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	MRGRD Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	35kD
<b>Cell Pathway</b>	Cell membrane ; Multi-pass membrane protein . Localized at the plasma membrane but internalized into the cytoplasm after treatment with beta-alanine.
<b>Tissue Specificity</b>	Liver,
<b>Function</b>	function:May regulate nociceptor function and/or development, including the sensation or modulation of pain. Functions as a specific membrane receptor for beta-alanine. Beta-alanine at micromolar doses specifically evoked Ca(2+) influx in cells expressing the receptor. Beta-alanine decreases forskolin-stimulated cAMP production in cells expressing the receptor, suggesting that the receptor couples with G-protein G(q) and G(i).,similarity:Belongs to the G-protein coupled receptor 1 family. Mas subfamily.,subcellular location:Localized at the plasma membrane but internalized into the cytoplasm after treatment with beta-alanine.,
<b>Background</b>	function:May regulate nociceptor function and/or development, including the sensation or modulation of pain. Functions as a specific membrane receptor for beta-alanine. Beta-alanine at micromolar doses specifically evoked Ca(2+) influx

Nanjing BYabscience technology Co.,Ltd



in cells expressing the receptor. Beta-alanine decreases forskolin-stimulated cAMP production in cells expressing the receptor, suggesting that the receptor couples with G-protein G(q) and G(i).,similarity:Belongs to the G-protein coupled receptor 1 family. Mas subfamily.,subcellular location:Localized at the plasma membrane but internalized into the cytoplasm after treatment with beta-alanine.,

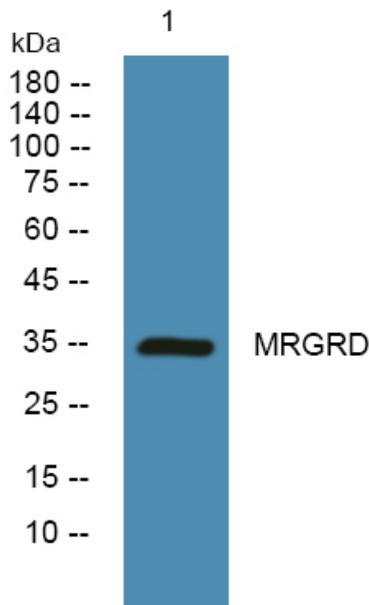
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western blot analysis of lysates from SW480 cells, primary antibody was diluted at 1:1000, 4° over night