

Anti-MRGD / MRGPRD Antibody (Cytoplasmic Domain)

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS17517

Product Information

Application	IHC-P
Primary Accession	Q8TDS7
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36118
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	116512
Alias Symbol	MRGPRD
Other Names	MRGPRD, Beta-alanine receptor, MRGD, MAS-related GPR, member D, TGR7
Target/Specificity	Human MRGPRD. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-MRGD / MRGPRD Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MRGPRD
Synonyms	MRGD
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).
Cellular Location	Cell membrane; Multi-pass membrane protein Note=Localized at the plasma membrane but internalized into the cytoplasm after treatment with beta-alanine

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.