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Anti-5-HT1F Antibody

Rabbit polyclonal antibody to 5-HT1F
Catalog # AP60467

Product Information

Application	WB
Primary Accession	P30939
Other Accession	Q02284
Reactivity	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41709

Additional Information

Gene ID	3355
Other Names	HTR1EL; 5-hydroxytryptamine receptor 1F; 5-HT-1F; 5-HT1F; Serotonin receptor 1F
Target/Specificity	Recognizes endogenous levels of 5-HT1F protein.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

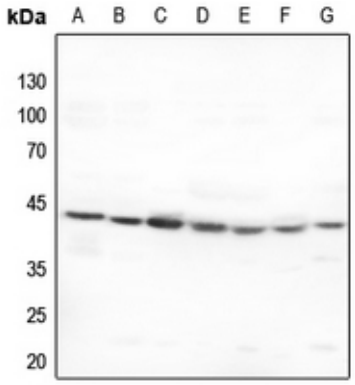
Protein Information

Name	HTR1F (HGNC:5292)
Function	G-protein coupled receptor for 5-hydroxytryptamine (serotonin) (PubMed:21422162, PubMed:34239069, PubMed:8380639, PubMed:8384716). Also functions as a receptor for various alkaloids and psychoactive substances (PubMed:21422162, PubMed:8380639, PubMed:8384716). Receptor for lasmiditan, a drug for the treatment of acute migraine (PubMed:34239069). Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of downstream effectors, such as adenylate cyclase (PubMed:34239069). HTR1F is coupled to G(i)/G(o) G alpha proteins and mediates inhibitory neurotransmission by inhibiting adenylate cyclase activity (PubMed:34239069, PubMed:35610220).
Cellular Location	Cell membrane; Multi-pass membrane protein

Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human 5-HT1F. The exact sequence is proprietary.

Images



Western blot analysis of 5-HT1F expression in HEK293T (A), Hela (B), mouse kidney (C), mouse lung (D), mouse liver (E), rat kidney (F), rat lung (G) whole cell lysates.