

Anti-5-HT1F Antibody
Rabbit polyclonal antibody to 5-HT1F
Catalog # AP60467**Specification**

Anti-5-HT1F Antibody - Product Information

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

Anti-5-HT1F Antibody - 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

Anti-5-HT1F Antibody - 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

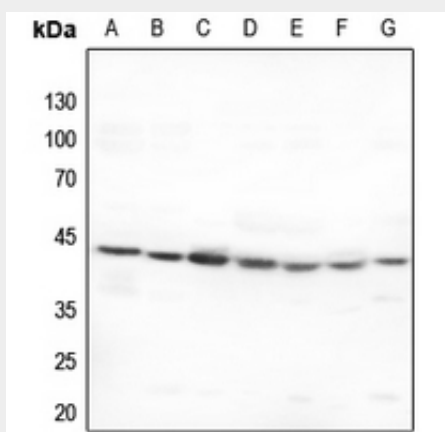
Cell membrane; Multi-pass membrane protein

Anti-5-HT1F Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-5-HT1F Antibody - 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.

Anti-5-HT1F Antibody - Background

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