

# Anti-5-HT1F Antibody

Rabbit polyclonal antibody to 5-HT1F

Catalog # AP60467

## Product Information

---

Application	WB
Primary Accession	<a href="#">P30939</a>
Other Accession	<a href="#">Q02284</a>
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	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human 5-HT1F. The exact sequence is proprietary.
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 ( <a href="#">HGNC:5292</a> )
Function	<p>G-protein coupled receptor for 5-hydroxytryptamine (serotonin) (PubMed:<a href="#">21422162</a>, PubMed:<a href="#">34239069</a>, PubMed:<a href="#">8380639</a>, PubMed:<a href="#">8384716</a>). Also functions as a receptor for various alkaloids and psychoactive substances (PubMed:<a href="#">21422162</a>, PubMed:<a href="#">8380639</a>, PubMed:<a href="#">8384716</a>). Receptor for lasmiditan, a drug for the treatment of acute migraine (PubMed:<a href="#">34239069</a>). 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:<a href="#">34239069</a>). HTR1F is coupled to G(i)/G(o) G alpha proteins and mediates inhibitory neurotransmission by inhibiting adenylate cyclase activity (PubMed:<a href="#">34239069</a>, PubMed:<a href="#">35610220</a>).</p> <p>Cell membrane; Multi-pass membrane protein</p>

## Cellular Location

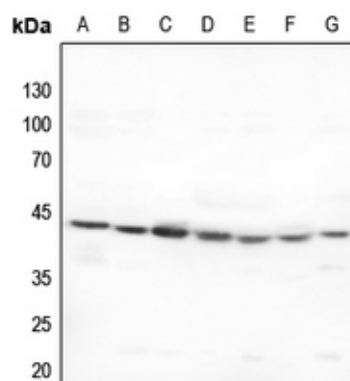
## Background

---

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human 5-HT<sub>1F</sub>. The exact sequence is proprietary.

## Images

---



Western blot analysis of 5-HT<sub>1F</sub> expression in HEK293T (A), Hela (B), mouse kidney (C), mouse lung (D), mouse liver (E), rat kidney (F), rat lung (G) whole cell lysates.

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