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anti-5HT1D antibody (AA 2-110) (Biotin)



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| Quantity: | 100 μL |
|----------------------|--|
| Target: | 5HT1D (HTR1D) |
| Binding Specificity: | AA 2-110 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This 5HT1D antibody is conjugated to Biotin |
| Application: | ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

| Immunogen: | KLH conjugated synthetic peptide derived from human 5HT1D Receptor/SR-1D |
|-----------------------|--|
| Isotype: | IgG |
| Cross-Reactivity: | Mouse |
| Predicted Reactivity: | Human,Rat,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

| Target: | 5HT1D (HTR1D) |
|-------------------|---------------------------------------|
| Alternative Name: | 5HT1D Receptor/SR-1D (HTR1D Products) |

Target Details

| Background: | Synonyms: 5-hydroxytryptamine receptor 1D, 5-HT-1D, 5-HT1D, Serotonin 1D alpha receptor, 5- | |
|---------------------|---|--|
| | HT-1D-alpha, Serotonin receptor 1D | |
| | Background: The members of the G-protein-coupled receptor family are distinguished by their | |
| | slow transmitting response to ligand binding. These seven transmembrane proteins include the | |
| | adrenergic, serotonin and dopamine receptors. The effect of the signaling molecule can be | |
| | excitatory or inhibitory depending on the type of receptor to which it binds. b-adrenergic bound | |
| | to adrenaline activates adenylyl cyclase, while a2-adrenergic receptor bound to adrenaline | |
| | inhibits adenylyl cyclase. Like the a2-adrenergic receptor, serotonin receptor functions are also | |
| | mediated by G proteins that inhibit the activity of adenylyl cyclase. The serotonin receptors | |
| | have been classified into several categories, designated SR-17 (5HT17). Subtypes within the | |
| | SR-1 group include SR-1A, -1B, -1D, -1E and -1F. | |
| Gene ID: | 3352 | |
| UniProt: | P28221 | |
| Pathways: | JAK-STAT Signaling | |
| Application Details | | |
| Application Notes: | IHC-P 1:200-400 | |
| | IHC-F 1:100-500 | |
| Restrictions: | For Research Use only | |
| Handling | | |
| Format: | Liquid | |
| Concentration: | 1 μg/μL | |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and | |
| | 50 % Glycerol. | |
| Preservative: | ProClin | |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be | |
| | handled by trained staff only. | |
| Storage: | -20 °C | |
| Storage Comment: | Store at -20°C for 12 months. | |
| Expiry Date: | 12 months | |
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