

HTR3B

Purified Mouse Monoclonal Antibody
Catalog # AO2625a

Product Information

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|--------------------------|---|
| Application | WB, IHC, ICC, E |
| Primary Accession | O95264 |
| Reactivity | Human |
| Host | Mouse |
| Clonality | Monoclonal |
| Clone Names | 4G6H7 |
| Isotype | Mouse IgG1 |
| Calculated MW | 50292 |
| Immunogen | Purified recombinant fragment of human HTR3B (AA: extra 23-150) expressed in E. Coli. |
| Formulation | Purified antibody in PBS with 0.05% sodium azide |

Additional Information

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| Gene ID | 9177 |
| Other Names | 5-HT3B |
| Dilution | WB~~ 1/500 - 1/2000 IHC~~1:100~500 ICC~~N/A E~~ 1/10000 |
| Storage | Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Precautions | HTR3B is for research use only and not for use in diagnostic or therapeutic procedures. |

Protein Information

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| Name | HTR3B (HGNC:5298) |
| Function | Forms serotonin (5-hydroxytryptamine/5-HT3)-activated cation- selective channel complexes, which when activated cause fast, depolarizing responses in neurons. |
| Cellular Location | Postsynaptic cell membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein. Note=Presumably retained within the endoplasmic reticulum unless complexed with HTR3A |
| Tissue Location | Expressed in the brain cortex, in the caudate nucleus, the hippocampus, the |

thalamus and the amygdala. Detected in the kidney and testis as well as in monocytes of the spleen, small and large intestine, uterus, prostate, ovary and placenta

References

1.Yonsei Med J. 2015 Sep;56(5):1415-20.2.Psychiatry Res. 2014 Sep 30;219(1):235-7.

Images

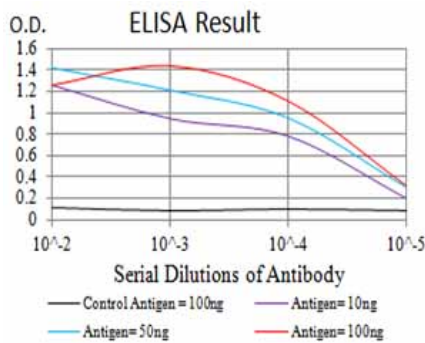


Figure 1:Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

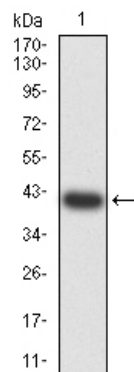


Figure 2:Western blot analysis using HTR3B mAb against human HTR3B (AA: extra 23-150) recombinant protein. (Expected MW is 41.1 kDa)

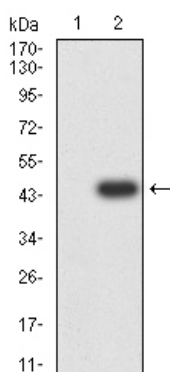
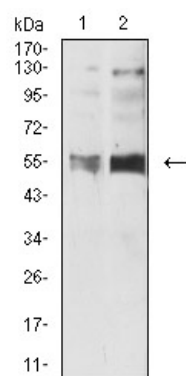


Figure 3:Western blot analysis using HTR3B mAb against HEK293 (1) and HTR3B (AA: extra 23-150)-hIgGfc transfected HEK293 (2) cell lysate.

Figure 4:Western blot analysis using HTR3B mouse mAb against SH-SY5Y (1) and Hela (2) cell lysate.



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