

Anti-Phospho-TPH1 (Ser260) Polyclonal Antibody

Product Details

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| Ig Type: | IgG |
| Reactivity: | Human,Mouse,Rat |
| Conjugation: | Unconjugated |
| Molecular Weight: | Actual: 55 kDa. |
| Purification: | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |

Applications

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| Application: | ELISA,IF,IHC-P,WB |
| Recommended | WB: 1:500-2000; IHC-P: 1:100-300; ELISA: 1:10000 |

Properties

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| Stability & Storage: | Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping: | Shipping with blue ice. |

Antigen Details

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| Immunogen: | A synthesized phosphopeptide: human Tryptophan Hydroxylase around the phosphorylation site of Ser260. AA range:231-280 |
| Antigen Species: | Human |
| Uniprot ID: | P17752 |
| Synonyms: | p-TPH1 (S260);p-TPH1 (Ser260);TPH1 (p-S260);TPH1 (p-Ser260) |

Research Background

tryptophan hydroxylase 1 (TPH1) Homo sapiens This gene encodes a member of the aromatic amino acid hydroxylase family. The encoded protein catalyzes the first and rate limiting step in the biosynthesis of serotonin, an important hormone and neurotransmitter. Mutations in this gene have been associated with an elevated risk for a variety of diseases and disorders, including schizophrenia, somatic anxiety, anger-related traits, bipolar disorder, suicidal behavior, addictions, and others.[provided by RefSeq, Apr 2009],

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