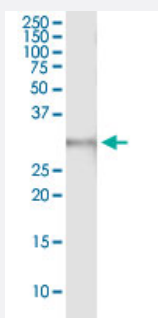


STX1A (Human) IP-WB Antibody Pair

Catalog # H00006804-PW2

Size 1 Set

Applications



Immunoprecipitation of STX1A transfected lysate using rabbit polyclonal anti-STX1A and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-STX1A.

Specification

Product Description

This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.

Reactivity

Human

Quality Control Testing

Immunoprecipitation-Western Blot (IP-WB)
Immunoprecipitation of STX1A transfected lysate using rabbit polyclonal anti-STX1A and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-STX1A.

Supplied Product

Antibody pair set content:
1. Antibody pair for IP: rabbit polyclonal anti-STX1A (300 ul)
2. Antibody pair for WB: mouse purified polyclonal anti-STX1A (50 ug)

Storage Instruction

Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — STX1A

Entrez GeneID [6804](#)

Gene Name STX1A

Gene Alias HPC-1, STX1, p35-1

Gene Description syntaxin 1A (brain)

Omim ID [186590](#)

Gene Ontology [Hyperlink](#)

Gene Summary Synaptic vesicles store neurotransmitters that are released during calcium-regulated exocytosis. The specificity of neurotransmitter release requires the localization of both synaptic vesicles and calcium channels to the presynaptic active zone. Syntaxins function in this vesicle fusion process. Syntaxins also serve as a substrate for botulinum neurotoxin type C, a metalloprotease that blocks exocytosis and has high affinity for a molecular complex that includes the alpha-latrotoxin receptor (MIM 600565) which produces explosive exocytosis (Zhang et al., 1995 [PubMed 7622072]).[supplied by OMIM]

Other Designations -

Pathway

- [SNARE interactions in vesicular transport](#)

Disease

- [Alzheimer disease](#)
- [Autistic Disorder](#)
- [Cardiovascular Diseases](#)
- [Developmental Disabilities](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)

- [Glucose Intolerance](#)
- [Kidney Failure](#)
- [Mental Retardation](#)
- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Overweight](#)
- [Schizophrenia](#)