

Syntaxin 1A/Syntaxin 1B Rabbit pAb

CatalogNo: YN8722

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 32kD (Calculated)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

| Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality

Polyclonal

| Immunogen Information

Immunogen

Synthesized peptide derived from human Syntaxin 1A/Syntaxin 1B

Specificity

This antibody detects endogenous levels of Syntaxin 1A/Syntaxin 1B at Human, Mouse, Rat

| Target Information

Gene name

STX1B STX1B1 STX1B2

Protein Name	Syntaxin-1B (Syntaxin-1B1) (Syntaxin-1B2)		
	Organism	Gene ID	UniProt ID
	Human	112755;	P61266;
	Mouse	56216;	P61264;
	Rat	24923;	P61265;
Cellular Localization	[Isoform 1]: Membrane ; Single-pass type IV membrane protein .; [Isoform 2]: Nucleus . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Cytoplasm, cytoskeleton, spindle . Colocalizes with Lamin A/C and NuMA in interphasic nuclei, and with NuMA and gamma-tubulin in the pericentrosomal region of the mitotic spindle in dividing cells.		
Function	Potentially involved in docking of synaptic vesicles at presynaptic active zones. May mediate Ca(2+)-regulation of exocytosis acrosomal reaction in sperm (By similarity).		

| Validation Data

| Contact information

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