

## STX5

**Reactivity:**Rat

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:2000

**Calculated MW:**40kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human STX5

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

SED5; STX5A;

**Catalog #:**A8455

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**6811

**Isotype:**IgG

**Swiss Prot:**Q13190

**Purity:**Affinity purification

For research use only.

**Background:**

This gene encodes a member of the syntaxin or t-SNARE (target-SNAP receptor) family. These proteins are found on cell membranes and serve as the targets for v-SNAREs (vesicle-SNAP receptors), permitting specific synaptic vesicle docking and fusion. The encoded protein regulates endoplasmic reticulum to Golgi transport and plays a critical role in autophagy. Autoantibodies targeting the encoded protein may be a diagnostic marker for endometriosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

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