

## ST3GAL3

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

**Calculated MW:**42kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human ST3GAL3

**Storage Buffer:**

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

**Synonym:**

ST3N; MRT12; SIAT6; EIEE15; ST3GALII; ST3GalIII;

**Background:**

The protein encoded by this gene is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The encoded protein is normally found in the Golgi apparatus but can be proteolytically processed to a soluble form. This protein is a member of glycosyltransferase family 29. Mutations in this gene have been associated with autosomal recessive nonsyndromic mental retardation-12 (MRT12). Multiple transcript variants encoding several different isoforms have been found for this gene.

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**Catalog #:**A6753

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**6487

**Isotype:**IgG

**Swiss Prot:**Q11203

**Purity:**Affinity purification

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