

Recombinant

DGRmAb®

## Tyrosine 3-monooxygenase (DGR12354) Rabbit mAb

db14958

Package : 10µL 20µL 50µL 100µL

**Product Name** : Tyrosine 3-monooxygenase (DGR12354) Rabbit mAb**Cat.No.:** db14958**Synonyms** : TYH; DYT14; DYT5b**Application** : WB, IHC-P, ICC/IF**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

The protein encoded by this gene is involved in the conversion of tyrosine to dopamine. It is the rate-limiting enzyme in the synthesis of catecholamines, hence plays a key role in the physiology of adrenergic neurons. Mutations in this gene have been associated with autosomal recessive Segawa syndrome. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human Tyrosine Hydroxylase

**Gene ID**

7054

**Swiss Prot**

P07101

**Synonyms**

TYH; DYT14; DYT5b

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF

**Recommended dilution**

WB: 1:1000-1:5000

IHC-P: 1:200-1:500

ICC/IF: 1:100-1:200

**Calculated MW**

58 kDa

**Observed MW**

58 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR12354

**Isotype**

IgG

**Purity**

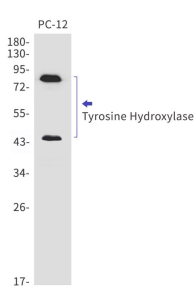
Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of Tyrosine Hydroxylase in PC-12 cell lysates using Tyrosine Hydroxylase antibody(1:1000 diluted).