

**Recombinant****DGRmAb®****Tyrosine 3-monoxygenase (DGR12354) Rabbit mAb (PBS Only)****db14958-PBS****Package : 100µg****Product Name :** Tyrosine 3-monoxygenase (DGR12354) Rabbit mAb (PBS Only)**Cat.No.:** db14958-PBS**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

**Calculated MW**

58 kDa

**Observed MW**

58 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR12354

**Isotype**

IgG

**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

**Concentration**

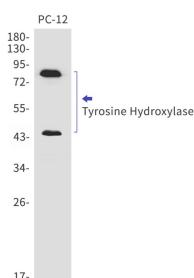
1 mg/mL

**Formulation**

PBS Only

**Storage Stability**

Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. 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).