

Recombinant

DGRmAb®

Tyrosine 3-monooxygenase (DGR12354) Rabbit mAb (PBS Only)

db14958-PBS

Package : 100µg

Product Name : Tyrosine 3-monooxygenase (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

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

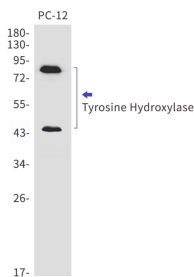
Isotype

IgG

Purity

Affinity Purification

Conjugation	Un-conjugated
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 [db14958](#)(1:1000 diluted).