

## Tyrosine 3-monooxygenase Rabbit pAb

db1243

Package : 20μL 50μL 100μL

**Product Name** : Tyrosine 3-monooxygenase Rabbit pAb**Cat.No.:** db1243**Synonyms** : TYH; DYT14; DYT5b**Application** : WB, IHC, ICC/IF, FC**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, ICC/IF, FC

**Recommended dilution**

WB: 1:2000  
IHC: 1:20-1:500  
ICC/IF: 1:50  
FC: 1:100

**Calculated MW**

58 kDa

**Observed MW**

58 kDa

**Host species**

Rabbit

**Clonality**

Polyclonal

**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.