Recombinant DGRmAb®

Tyrosine 3-monooxygenase (DGR12354) Rabbit mAb

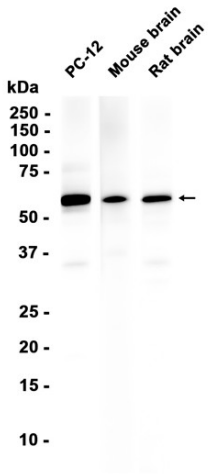
db14958 **Package : 10μL 20μL 50μL 100μL**

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 analysis of extracts from PC-12 cells and Mouse brain, Rat brain tissues using db14958 at 1:1000.