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35-1198: Polyclonal Antibody to Tyrosine Hydroxylase (Phospho-Ser40)

Clonality: Polyclonal

Application: IF

Reactivity: Rat, Mouse, Human

 Gene :
 TH

 Gene ID :
 7054

 Uniprot ID :
 P07101

 Format :
 Purified

Alternative Name: TY3H, TYH, Tyrosine 3-hydroxylase, tyrosine hydroxylase

Isotype: Rabbit IgG

Immunogen Information: Peptide sequence around phosphorylation site of serine 40 (R-Q-S(p)-L-I) derived from Human

Tyrosine Hydroxylase (TH).

Description

The protein encoded by Tyrosine Hydroxylase 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.

Product Info

Amount : 50 μl / 100 μl

Content: Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM

NaCl, 0.02% sodium azide and 50% glycerol.

Storage condition : Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Predicted MW: 55-60 kd, Immunofluorescence: 1:100~1:200

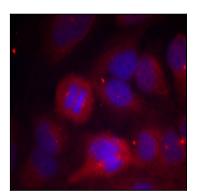


Figure 1: Immunofluorescence staining of methanol-fixed Hela cells using Tyrosine Hydroxylase(Phospho-Ser40) Antibody 35-1198 .