w abeomics

35-1296: Polyclonal Antibody to Tyrosine Hydroxylase (Phospho-Ser19)

Clonality :	Polyclonal
Application :	IF
Reactivity :	Rat,Human
Gene :	ТН
Gene ID :	7054
Uniprot ID :	P07101
Format :	Purified
Alternative Name :	TY3H, TYH, Tyrosine 3-hydroxylase, tyrosine hydroxylase
lsotype :	Rabbit IgG
Immunogen Information	Peptide sequence around phosphorylation site of serine19 (A-V-S(p)-E-Q) derived from Rat 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

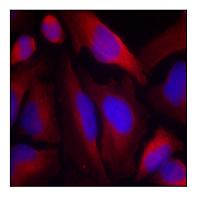


Figure 1: Immunofluorescence staining of methanol-fixed Hela cells using Tyrosine Hydroxylase(Phospho-Ser19) Antibody 35-1296 .