

Product datasheet for TA305827

OriGene Technologies, Inc.

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Tyrosine Hydroxylase (TH) Goat Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB: 2-4ug/ml.

Reactivity: Human (Expected from sequence similarity: Rat, Dog)

Host: Goat Isotype: IgG

Clonality: Polyclonal

Immunogen: Peptide with sequence C-VQDELDTLAHAL, from the C Terminus of the protein sequence

according to NP_954986.2; NP_000351.2; NP_954987.2.

Formulation: 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Concentration: lot specific

Purification: Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20C. Minimize

freezing and thawing.

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Gene Name: tyrosine hydroxylase

Database Link: NP 000351

Entrez Gene 25085 RatEntrez Gene 403444 DogEntrez Gene 7054 Human

P07101

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]

Synonyms: DYT5b; DYT14; TYH



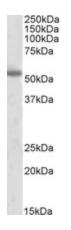


Tyrosine Hydroxylase (TH) Goat Polyclonal Antibody - TA305827

Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Parkinson's disease, Tyrosine metabolism

Product images:



TA305827 (2ug/ml) staining of Human Cerebral Cortex lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.