

# Tyrosine Hydroxylase Polyclonal Antibody

#### Description

Product type Primary Antibody

Code BT-AP15265

**Host** Rabbit

Isotype IgG

**Size** 20ul, 50ul, 100ul

Immunogen Synthesized peptide derived from human Tyrosine Hydroxylase Polyclonal

Mol wt N/A

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name Tyrosine 3-monooxygenase

Synonyms Tyrosine 3-monooxygenase ;EC 1.14.16.2;Tyrosine 3-hydroxylase;TH; Tyrosine 3-monooxygenase; EC

1.14.16.2; Tyrosine 3-hydroxylase; TH

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

at 1:20000

#### 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.

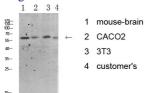
## Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000 - 1: 20000

Not yet tested in other applications.

### Images



Western blot analysis of various lysate, antibody was diluted at 1000. Secondary antibody was diluted

Storage

-20°C for 1 year