

## Anti-TH antibody (411-528) (STJ29777)

STJ29777

### GENERAL INFORMATION

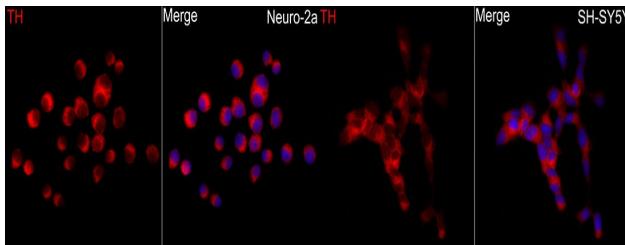
**Product Type** Primary antibodies  
**Short Description**  
**Applications** WB/IF/ICC/ELISA  
**Host/Source** Rabbit  
**Reactivity** Human/Mouse/Rat

### PRODUCT PROPERTIES

**Clonality** Polyclonal  
**Clone ID**  
**Concentration** Lot specific  
**Conjugation** Unconjugated  
**Purification** Affinity purification  
**Dilution Range** WB:1:500-1:1000  
 IF/ICC:1:50-1:200  
 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.  
**Formulation** PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.  
**Isootype** IgG  
**Storage** Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.  
**Instruction**

### TARGET INFORMATION

**Gene ID** 7054  
**Gene Symbol** TH  
**Uniprot ID** TY3H\_HUMAN  
**Immunogen**  
**Immunogen** 411-528  
**Region**  
**Specificity** A synTyrosine Hydroxylase etic peptide corresponding to a sequence within Tyrosine Hydroxylase (NP\_954986.2).  
**Immunogen Sequence** KQNGEVKAYGAGLSSYGEL LHCLSEEPEIRAFDPEAAAV QPYQDQTYQSVYFVSEFSD AKDKLRSYASRIQRPFVKF  
 DPYTLAIDVLDSPQAVRSL EGVQDELDTLAHLASIG



Immunofluorescence analysis of Neuro-2a cells using Tyrosine Hydroxylase rabbit polyclonal antibody (STJ29777) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.

Immunofluorescence analysis of SH-SY5Y cells using Tyrosine Hydroxylase rabbit polyclonal antibody (STJ29777) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.