



## Source

Rabbit

## Isotype

Rabbit IgG

## Conjugate

Unconjugated

## Specificity

This product is a specific antibody specifically reacts with Tbr1.

## Purification

Protein A purified/ Protein G purified

## Formulation

Supplied as 0.2 µm filtered solution in undefined.

Contact us for customized product form or formulation.

## Shipping

*This product is supplied and shipped with blue ice, please inquire the shipping cost.*

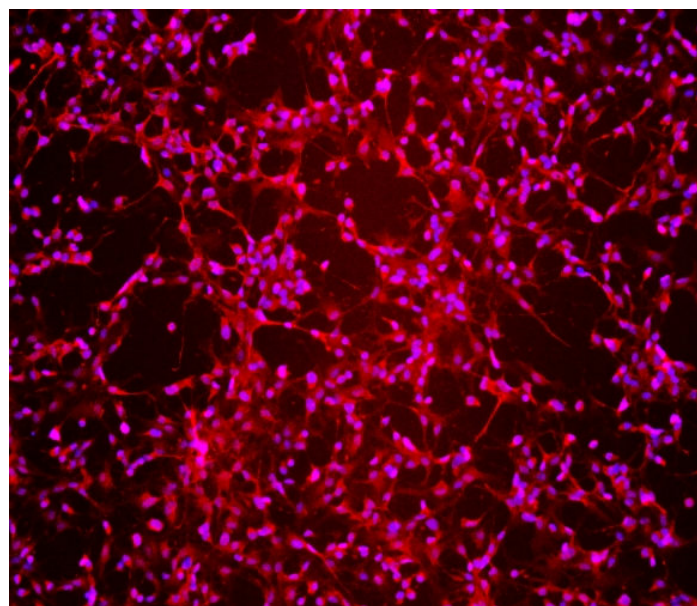
## Storage

*Please avoid repeated freeze-thaw cycles.*

This product is stable after storage at:

- Shipped at 4°C. Store at -20/4°C for months and -80°C for years. Avoid freeze/thaw cycle.

## Immunostaining



Immunofluorescent staining (10X) of cerebral organoid-derived cells (CIPO-BWL001K) labeling Tbr1 (Red) with purified TB1-S457 at 1:200 dilution. DAPI (blue) was used as nuclear counterstain.

## Background

The neuron-specific transcription factor T-box brain 1 (Tbr1) is a transcription factor that is highly expressed in glutamatergic early-born cortical neurons, and is specifically expressed in the cerebral cortex, hippocampus, amygdala and olfactory bulb. Tbr1 is thought to play an important role in neuronal migration and axonal projection during cortical development. Tbr1<sup>-/-</sup> mice have been characterized by neonatal lethality, severe defects in the axonal projections of the cerebral cortex and impairment of neuronal migration of the cerebral cortex and amygdala.

## Clinical and Translational Updates

Discounts, Gifts,  
and more!

