

**CAB0028**

## Product Information

<b>Product SKU:</b>	CAB0028	<b>Gene ID:</b>	7054	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

## Additional Information

<b>Observed MW:</b>	59kDa/58kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	59kDa	<b>Isotype:</b>	IgG

## Immunogen Information

**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 - 1:1000 IF/ICC,1:50 - 1:200

**Synonyms:** TYH; DYT14; DYT5b; Tyrosine Hydroxylase

**Purification Method:** Affinity purification

**Immunogen:** A synTyrosine Hydroxylase etic peptide corresponding to a sequence wiTyrosine Hydroxylase in amino acids 411-528 of human Tyrosine Hydroxylase (NP\_954986.2).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.