

Tyrosine Hydrolase Mouse Monoclonal Antibody(4B1)

Catalog No.: RA10296

Basic Information

Information

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|----------------------------|--|
| Reactivity | H,M,R |
| Immunogen | Synthetic Peptide |
| Host | Mouse |
| Isotype | IgG1 |
| Storage Buffer & Condition | 1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol. |
| Observed MW | ~55KD |

Applications

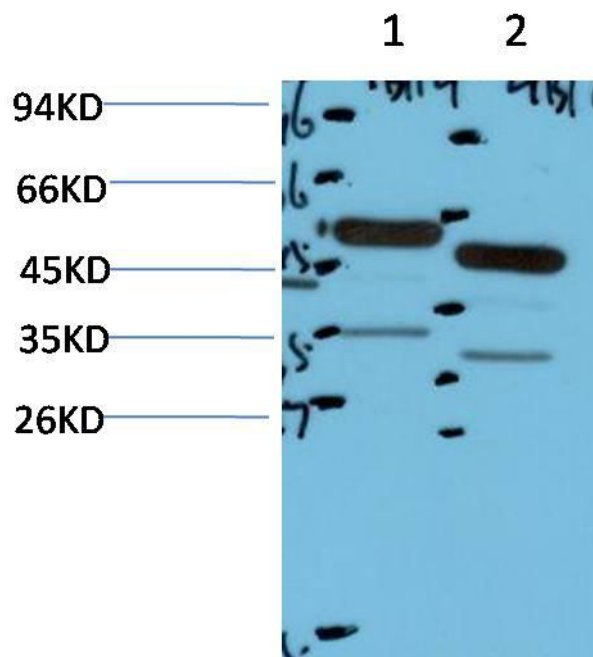
Recommended Dilution

| | |
|----|---------------|
| WB | 1:1,000-2,000 |
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Preparation & Storage

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| Storage | Store at -20°C. Stable for one year from the date of shipment. |
| Shipping | Bule Ice |

Experimental Data



Western blot analysis of 1)PC12 Cell, 2)Mouse Brain Tissue Lysate using Tyrosine Hydroxylase Mouse Monoclonal mAb diluted at 1:2,000.

Background

Tyrosine hydroxylase(TH) Homo sapiens 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.