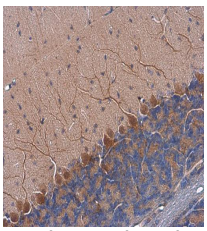
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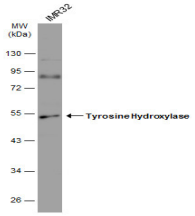
Product Datasheet

Tyrosine Hydroxylase antibody [N1C1]
GRP110

Description	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. [provided by RefSeq]
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat, Zebrafish
Conjugation	Unconjugated
Tested Applications	ICC, IF, IHC-Fr, IHC-P, WB
Immunogen	Recombinant protein encompassing a sequence within the cente region of human Tyrosine Hydroxylase. The exact sequence is proprietary.
Form/Appearance	Liquid: 1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
Concentration	0.8 mg/ml
Storage	Store as concentrated solution. Centrifuge briefly prior to openin vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Note	For research use only.
Isotype	IgG
Clonality	Polyclonal
Purity	Purified by antigen-affinity chromatography.
Uniprot ID	**P07101**
Entrez	**7054**
Dilution Range	WB: 1:500-1:3000,ICC: 1:100-1:1000,IHC-P: 1:100-1:1000,IHC-Fr: 1:100-1:1000,IHC-Wm: 1:100-1:500



Tyrosine Hydroxylase antibody [N1C1] detects Tyrosine Hydroxylase protein at cell membrane and cytoplasm by immunohistochemical analysis.Sample: Paraffin-embedded mouse brain.Tyrosine Hydroxylase stained by Tyrosine Hydroxylase antibody [N1C1] (GRP562) di



Whole cell extract (30 ?g) was separated by 10% SDS-PAGE, and the membrane was blotted with Tyrosine Hydroxylase antibody [N1C1] (GRP562) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.