



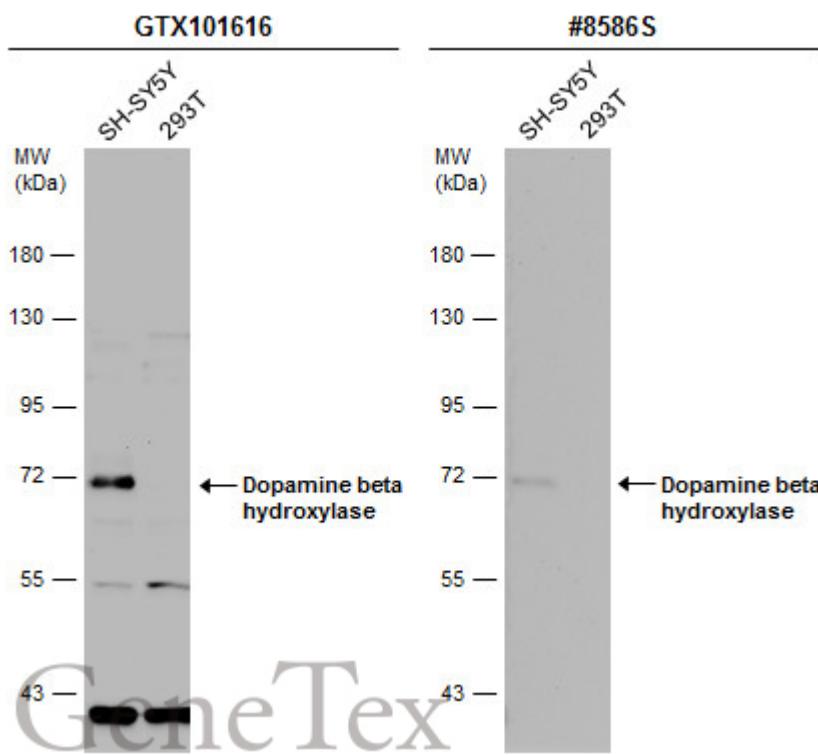
Quality Antibodies · Quality Results

GeneTex, Inc : Toll Free 1-877-GeneTex (1-877-436-3839) Fax:1-949-309-2888 info@genetex.com

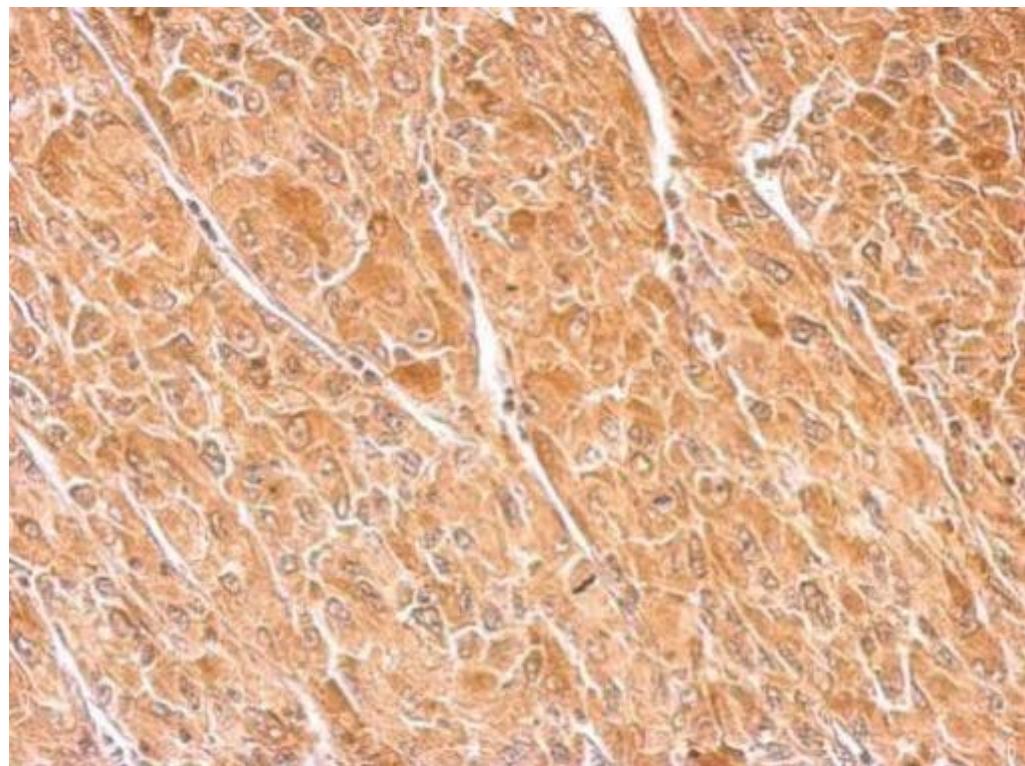
GeneTex International Corporation : Tel:886-3-6208988 Fax:886-3-6208989 infoasia@genetex.com

Date : 2018/08/02

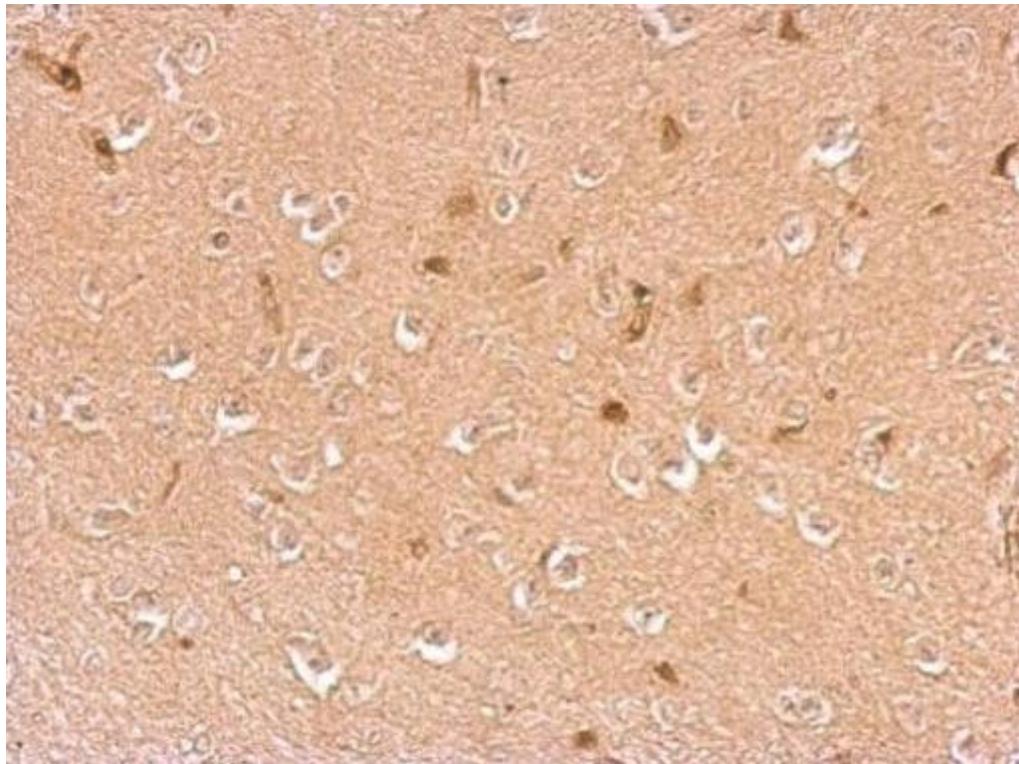
Catalog Number	GTx101616	Package:25 ul,100 ul
Product Name	Dopamine beta Hydroxylase antibody	
Full Name	dopamine beta-hydroxylase (dopamine beta-monoxygenase)	
Synonyms	DBM antibody, DBH antibody, dopamine beta-hydroxylase antibody, dopamine beta-hydroxylase (dopamine beta-monoxygenase) antibody	
Background	The protein encoded by this gene is an oxidoreductase belonging to the copper type II, ascorbate-dependent monooxygenase family. It is present in the synaptic vesicles of postganglionic sympathetic neurons and converts dopamine to norepinephrine. It exists in both soluble and membrane-bound forms, depending on the absence or presence, respectively, of a signal peptide. [provided by RefSeq]	
Host	Rabbit	
Clonality	Polyclonal	
Isotype	IgG	
Immunogen	Recombinant protein encompassing a sequence within the center region of human Dopamine beta Hydroxylase. The exact sequence is proprietary.	
Antigen Species	Human	
Species Reactivity	Human, Mouse, Rat	
Predicted Cross Reactivity species	Rhesus Monkey, Bovine	
Predict Reactivity Note	Rhesus Monkey (86%), Bovine (80%)	
Applications	IHC-P, WB	
Application Note	IHC (Formalin-fixed paraffin-embedded sections) Western Blot (WB) Not tested in other applications.	Suggested dilution Reference 1:100-1:1000* 1:500-1:3000*
Positive Controls	SH-SY5Y	
Predicted Target Size	69 kDa	
Cellular Localization	Soluble dopamine beta-hydroxylase: Cytoplasmic vesicle , secretory vesicle lumen , Cytoplasmic vesicle , secretory vesicle , chromaffin granule lumen , secretory vesicle membrane , chromaffin granule membrane	
Conjugation	Unconjugated	
Form Supplied	Liquid	
Purification	Purified by antigen-affinity chromatography.	
Concentration	0.72 mg/ml (Please refer to the vial label for the specific concentration)	
Storage Buffer	1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.	
Storage Instruction	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.	
Notes	For <i>In vitro</i> laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.	
ResearchArea	Disease Related > Cardiovascular > Heart > Heart disease Disease Related > Parkinson Disease Neuroscience > Disorder > Parkinson Disease	



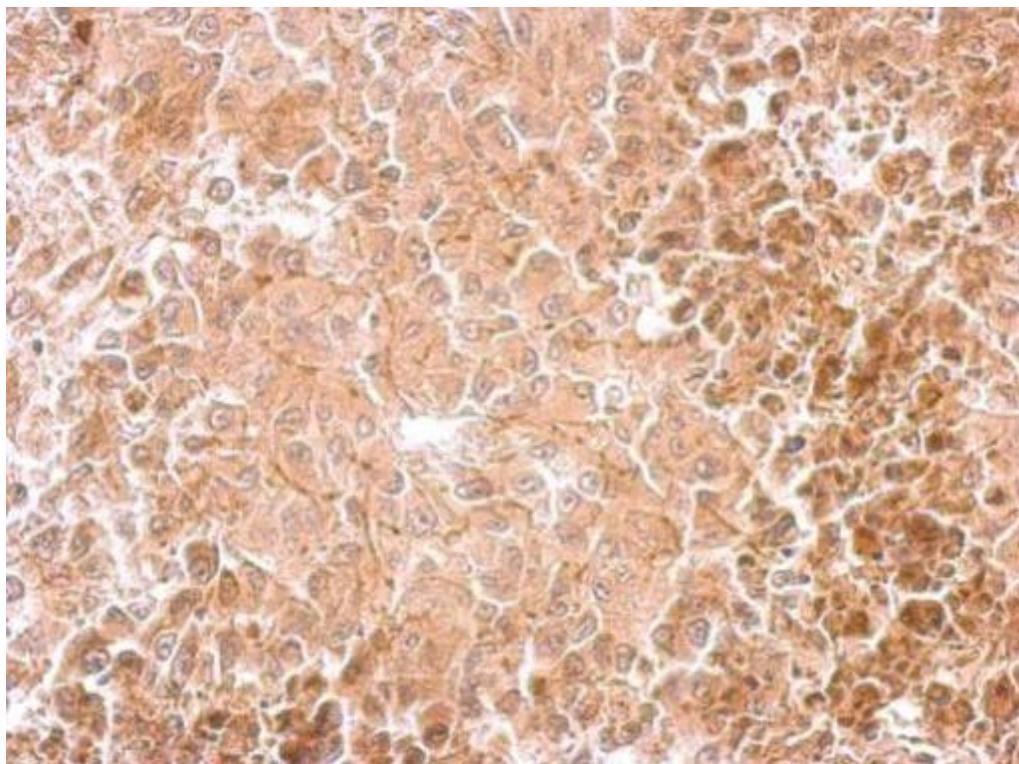
- GTX101616 WB Image
- Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membranes were blotted with Dopamine beta hydroxylase antibody (GTX101616) diluted at 1:2000 and competitor's antibody (#8586S) diluted by 1:200. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



- GTX101616 IHC-P Image
- Dopamine beta hydroxylase antibody detects DBH protein at cytosol on U87 xenograft by immunohistochemical analysis. Sample: Paraffin-embedded U87 xenograft.
- Dopamine beta hydroxylase antibody (GTX101616) dilution: 1:500.



- GTX101616 IHC-P Image
- Dopamine beta hydroxylase antibody detects DBH protein at cytosol on mouse brain by immunohistochemical analysis.
Sample: Paraffin-embedded mouse brain.
Dopamine beta hydroxylase antibody (GTX101616) dilution: 1:500.



- GTX101616 IHC-P Image
- Dopamine beta hydroxylase antibody detects DBH protein at cytosol on RT2 xenograft by immunohistochemical analysis.
Sample: Paraffin-embedded RT2 xenograft.
Dopamine beta hydroxylase antibody (GTX101616) dilution: 1:500.