

# Product Datasheet

## L-DOPA Antibody NB100-65501

Unit Size: 0.05 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NB100-65501****L-DOPA Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.05 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Purity</b>	IgG purified
<b>Buffer</b>	PBS (pH 7.2)

<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Species</b>	All Species
<b>Reactivity Notes</b>	Reacts with Broad.
<b>Specificity/Sensitivity</b>	NB100-65501 is specific for conjugated L-dihydroxyphenylalanine (L-DOPA). The following reactivities were determined by competition ELISA: L-Dopa-G-BSA (1), alpha-methyl-L-Dopa-G-BSA (1/2,200), 3-O-methyl-L-Dopa-G-BSA (1/50,000), Dopamine-G-BSA (>1/50,000), Noradrenaline-G-BSA (>1/50,000), Tyrosine-G-BSA (>1/50,000). *L-Dopa-G-BSA concentration/other conjugated catecholamine concentration at half displacement. L-Dopa is an amino acid that is converted to dopamine in the brain. It is often given to patients in order to alleviate some of the symptoms of Parkinson's disease as, unlike dopamine itself, it can cross the blood-brain barrier.
<b>Immunogen</b>	Synthetic L-Dopa conjugated to BSA via glutaraldehyde

<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA 1:5000-1:10000





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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