

For Research Use Only



DOPA decarboxylase/DDC

Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02154-1**

Capture Antibody Information

Catalog Number:
85811-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
243125G12
Reactivity:
human
Immunogen Catalog Number:
Ag0219

Conjugate:
Unconjugated
Full name:
dopa decarboxylase (aromatic L-
amino acid decarboxylase)
Gene ID:
1644

Detection Antibody Information

Catalog Number:
85811-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
243125B9
Reactivity:
human
GenBank:
BC008366
Immunogen Catalog Number:
Ag0219

Conjugate:
Unconjugated
Full name:
dopa decarboxylase (aromatic L-
amino acid decarboxylase)
Gene ID:
1644

Applications

Tested Applications:
Sandwich ELISA

Range:
0.781-50 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent
should be titrated in each testing
system to obtain optimal results.

Product Information

MP02154-1 targets DOPA decarboxylase/DDC in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: DDC Recombinant antibody, PBS Only (Capture) 85811-4-PBS (243125G12). 100 µg. Concentration 1 mg/mL.

Detection antibody: DDC Recombinant antibody, PBS Only (Detector) 85811-3-PBS (243125B9). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

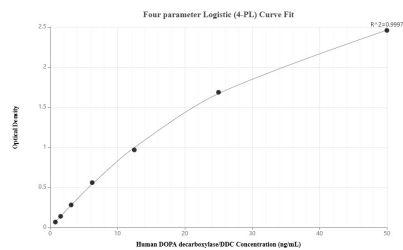
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

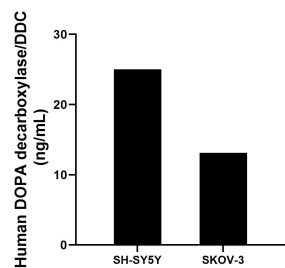
E: proteintech@ptglab.com
W: ptglab.com

**This product is exclusively available under Proteintech
Group brand and is not available to purchase from any
other manufacturer.**

Selected Validation Data



Sandwich ELISA standard curve of MP02154-1, Human DOPA decarboxylase/DDC Recombinant Matched Antibody Pair - PBS only. 85811-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0219. 85811-3-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL



The mean DOPA decarboxylase/DDC concentration was determined to be 25.03 ng/mL in SH-SY5Y cell extract based on a 3.2 mg/mL extract load and 13.12 ng/mL in SKOV-3 cell extract based on a 1.2 mg/mL extract load.