

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: Q4A234R **Lot #:** 38L33901

Description: Rabbit anti D2L Dopamine Rec.
Rabbit Antibody to D_{2L} Dopamine Receptor (a.a. 243-254) Cyclized

Specificity: Specific for D2L Dopamine Receptor (a.a. 243-254) cyclized. This antisera has been characterized by Immunocytochemical, Western Immunoblot and ELISA techniques.
Cross-Reactivity:

D _{2L} Dopamine Receptor (243-254) Cyclized	100%
D ₂ Dopamine Receptor	~50%
D ₁ Dopamine Receptor (9-21)	0%
D ₁ Dopamine Receptor	0%
D ₃ Dopamine Receptor (2-10)	0%
D ₃ Dopamine Receptor	0%
D ₄ Dopamine Receptor (176-185)	0%
D ₄ Dopamine Receptor	0%
D ₅ Dopamine Receptor (23-35)	0%
D ₅ Dopamine Receptor	0%

Host Animal: Rabbit

Immunogen: D_{2L} (243-254) cyclized covalently attached to a carrier protein.

Format: Neat, Lyophilized
Reconstitute with 0.1 mL of Phosphate Buffered Saline which contains 10 mg/mL BSA or with additional buffer for more dilute antisera.

Purification: Not Applicable

Concentration: Not Determined

Buffer: Not Applicable

Preservative: None

Applications: Suitable for Immunocytochemical and Western Blot detection of the D_{2L} dopamine receptor. This antiserum has been found to be stain specific cells in various regions of PLP fixed rat brain sections. Western Immunoblots using whole rat brain homogenate resulted in a single band being detected at ~51 kD at 1:400 dilution.

Storage: Lyophilized: Store at 2-8°C (preferably in a desiccator).
Reconstituted: Aliquot and store at -20°C.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature: 

24 FEB 2021

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY