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D3DR Polyclonal Antibody
Catalog # AP73631

Specification

D3DR Polyclonal Antibody - Product Information

Application	**WB**
Primary Accession	P35462
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**

D3DR Polyclonal Antibody - Additional Information

Gene ID 1814

Other Names
DRD3; D(3) dopamine receptor; Dopamine D3 receptor

Dilution
WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

D3DR Polyclonal Antibody - Protein Information

Name DRD3 (HGNC:3024)

Function
Dopamine receptor whose activity is mediated by G proteins which inhibit adenylyl cyclase. Promotes cell proliferation.

Cellular Location
Cell membrane; Multi-pass membrane protein. Note=Both membrane-bound and scattered in the cytoplasm during basal conditions Receptor stimulation results in the rapid internalization and sequestration of the receptors at the perinuclear area (5 and 15 minutes), followed by the dispersal of the receptors to the membrane (30 minutes). DRD3 and GRK4 co-localize in lipid rafts of renal proximal tubule cells

Tissue Location
Brain.

D3DR Polyclonal Antibody - Protocols

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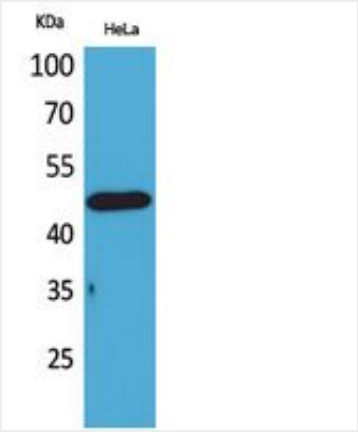
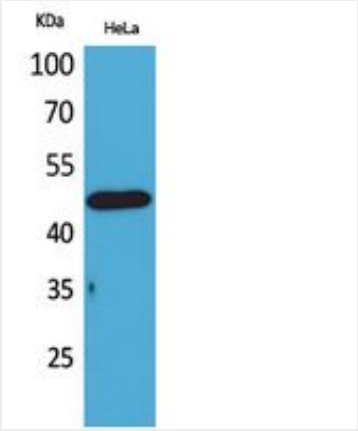
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

D3DR Polyclonal Antibody - Images



Western Blot analysis of HeLa cells using D3DR Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



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D3DR Polyclonal Antibody - Background

Dopamine receptor whose activity is mediated by G proteins which inhibit adenylyl cyclase. Promotes cell proliferation.