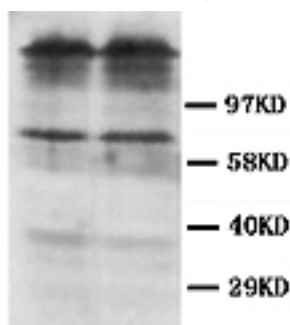


Rabbit polyclonal antibody to human D(1A) dopamine receptor (425-437): Affinity purified

| | |
|--------------------------|--|
| Catalogue No.: | R-1139-100 |
| Description: | D(1A) dopamine receptor (DRD1) is a multi-pass membrane protein that belongs to the G-protein coupled receptor 1 family. DRD1 is one of five receptors for dopamine. DRD1 stimulates adenylyl cyclase and activates cyclic AMP-dependent protein kinases. At least 2 isoforms exist arising from alternate transcription initiation sites. |
| Batch No.: | See product label |
| Unit size: | 100 ug |
| Antigen: | A synthetic peptide (DYDTDVSLEKIQP) corresponding to a region (425-437) from human D(1A) dopamine receptor. To enhance the immunological response, this peptide was coupled to carrier protein BSA. |
| Other Names: | DRD1; |
| Accession: | P21728 DRD1_HUMAN; |
| Produced in: | Rabbit |
| Purity: | Affinity purified on antigen column |
| Applications: | Western Blotting (WB). A concentration of 1.0 ug/mL is recommended for WB. Human DRD1 has a predicted length of 446 residues and a MW of 49 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user. |
| Specificity: | The specificity of this antibody has been confirmed by WB against the antigen. |
| Cross-reactivity: | Human; rat; predicted to react with mouse due to sequence homology; |
| Form: | Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ |
| Reconstitution: | Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material. |
| Storage: | At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles |
| Expiry Date: | 12 months after purchase |



Western blot analysis of rabbit polyclonal antibody to human D(1A) dopamine receptor (1µg/ml) in rat brain tissue lysate. Secondary HRP conjugated goat anti-rabbit IgG antibody (working dilution: 1:3000-10000).

FOR RESEARCH USE ONLY