

Product datasheet for **TA380247**

DARPP32 (PPP1R1B) Rabbit Polyclonal Antibody

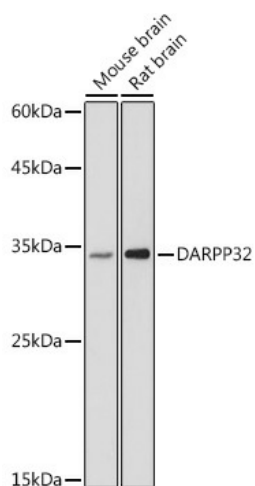
Product data:

| | |
|--------------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | ICC/IF, WB |
| Recommended Dilution: | WB,1:500 - 1:2000 IF,1:50 - 1:200 |
| Reactivity: | Human, Mouse, Rat |
| Modifications: | Unmodified |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 1-168 of human DARPP32 (NP_001229393.1). |
| Formulation: | Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| Concentration: | lot specific |
| Purification: | Affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles. |
| Stability: | Shelf life: one year from despatch. |
| Predicted Protein Size: | 18kDa/22kDa |
| Gene Name: | protein phosphatase 1 regulatory inhibitor subunit 1B |
| Database Link: | Entrez Gene 84152 Human Q9UD71 |
| Background: | This gene encodes a bifunctional signal transduction molecule. Dopaminergic and glutamatergic receptor stimulation regulates its phosphorylation and function as a kinase or phosphatase inhibitor. As a target for dopamine, this gene may serve as a therapeutic target for neurologic and psychiatric disorders. Multiple transcript variants encoding different isoforms have been found for this gene. |
| Synonyms: | DARPP-32; DARPP32; FLJ20940; OTTHUMP00000164276 |

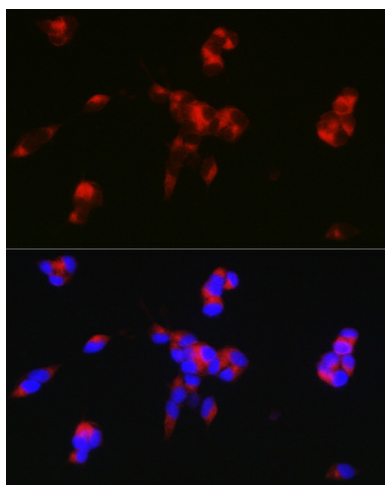


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Product images:



Western blot analysis of extracts of various cell lines, using DARPP32 antibody (TA380247) at 1:500 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 60s.



Immunofluorescence analysis of SH-SY5Y cells using DARPP32 Rabbit pAb (TA380247) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.