bs-3118R **[Primary Antibody]**

phospho-DARPP32 (Thr34) Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 84152 **SWISS:** Q9UD71

Target: DARPP32 (Thr34)

Immunogen: KLH conjugated Synthesised phosphopeptide derived from human DARPP32 around the phosphorylation site of Thr34: RP(p-T)PA.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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. [provided by RefSeq, Oct 2011].

Applications: **ELISA** (1:5000-10000)

Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Pig, Cow, Dog, GuineaPig)

Predicted MW.: 32 kDa

Subcellular Location: Cytoplasm

SELECTED CITATIONS

- **[IF=6.639]** Celeste Nicola. et al. The Prostate Cancer Therapy Enzalutamide Compared with Abiraterone Acetate/Prednisone Impacts Motivation for Exploration, Spatial Learning and Alters Dopaminergic Transmission in Aged Castrated Mice. Cancers. 2021 Jan;13(14):3518 IHC ;Mouse. 34298734