

Phospho-DARPP-32 (Thr34) Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human PPP1R1B(Accession Q9UD71), corresponding to amino acid residues around phosphorylated Thr34.
Form	Liquid
Concentration	1 mg/mL
Purification	sequential chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20°C
RRID	AB_2816511

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:100-1:500	-

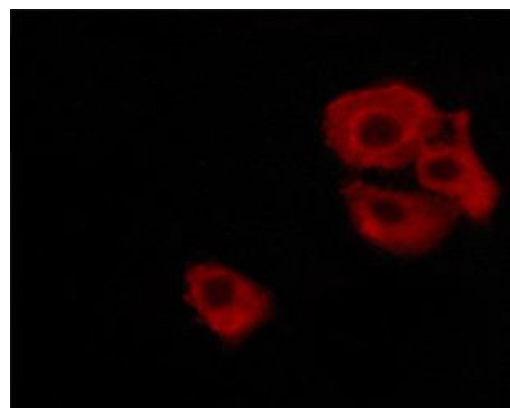
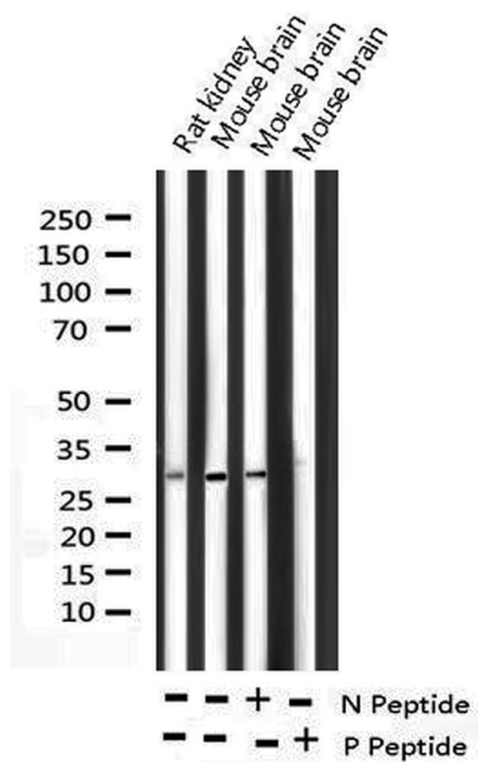
Product Specific Information

Antibody detects endogenous levels of DARPP32 only when phosphorylated at Threonine 34.

Product Images For Phospho-DARPP-32 (Thr34) Polyclonal Antibody

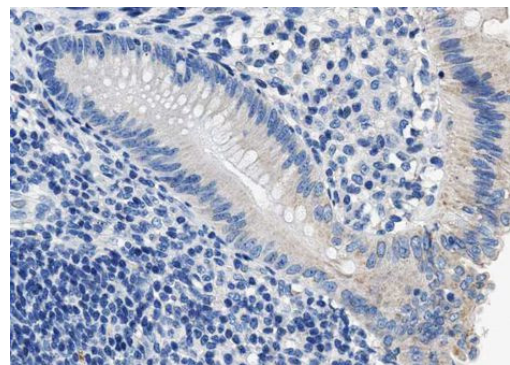
Phospho-DARPP-32 (Thr34) Antibody (PA5-105038) in WB

Western blot analysis of Phospho-DARPP-32 (Thr34) in rat kidney/mouse brain (absence (-) or presence (+) of non-phospho and phospho peptide). Samples were incubated with Phospho-DARPP-32 (Thr34) polyclonal antibody (Product # PA5-105038).



Phospho-DARPP-32 (Thr34) Antibody (PA5-105038) in ICC/IF

Immunofluorescent analysis of Phospho-DARPP-32 (Thr34) in MKN-45 cells treated with Forskolin (30 uM, 20 min). Samples were fixed with paraformaldehyde, permeabilized with 0.1% saponin, blocked with 10% serum (45 min at 25°C) incubated with Phospho-DARPP-32 (Thr34) polyclonal antibody (Product # PA5-105038) using a dilution of 1:400 (1 hr, 37°C), and followed by goat anti-rabbit IgG Alexa Fluor 594 (red) at a dilution of 1:600.



Phospho-DARPP-32 (Thr34) Antibody (PA5-105038) in IHC (P)

Immunohistochemistry analysis of paraffin-embedded Phospho-DARPP-32 (Thr34) in human colon cancer tissue sections. Antigen retrieval was performed using citrate buffer. Samples were blocked with blocking buffer (1.5 hr, 22°C), incubated with Phospho-DARPP-32 (Thr34) polyclonal antibody (Product # PA5-105038) using a dilution of 1:100 (1.5 hr, 22°C), followed by HRP conjugated goat anti-rabbit.

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