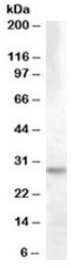
14-3-3 theta Antibody / YWHAQ (R33403)

Catalog No.	Formulation	Size
R33403-100UG	0.5 mg/ml in 1X TBS, pH7.3, with 0.5% BSA (US sourced) and 0.02% sodium azide	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat, Dog
Format	Antigen affinity purified
Host	Goat
Clonality	Polyclonal (goat origin)
Isotype	Goat Ig
Purity	Antigen affinity
Gene ID	10971
Applications	Western blot: 0.03-0.1ug/ml ELISA (peptide) LOD: 1:4000
Limitations	This 14-3-3 theta antibody is available for research use only.



Western blot testing of human hippocampus lysate with 14-3-3 theta antibody at 0.03ug/ml. Predicted molecular weight: ~28kDa.

Description

YWHAQ, also referred to as 14-3-3 theta, is part of the 14-3-3 adaptor protein family that influences many signaling pathways within the cell. By binding to phosphorylated protein partners, YWHAQ regulates protein localization, enzymatic activity, and stability. A 14-3-3 theta antibody is often employed in research focused on these dynamic regulatory mechanisms.

This protein plays important roles in processes such as neuronal signaling, stress response, and cell proliferation. 14-3-3 theta has been implicated in cancer biology and neurodegenerative conditions due to its ability to modulate pathways involved in growth and apoptosis. Investigators use a 14-3-3 theta antibody to better understand how its interactions shape cellular responses.

NSJ Bioreagents supplies a validated 14-3-3 theta antibody optimized for assays including western blot, immunofluorescence, and immunohistochemistry. Using a 14-3-3 theta antibody in experimental systems provides researchers with reliable tools to explore its contributions to signaling and disease.

Application Notes

Optimal dilution of the 14-3-3 theta antibody should be determined by the researcher.

Immunogen

Amino acids DDRKQTIDNSQ were used as the immunogen for this 14-3-3 theta antibody.

Storage

Aliquot and store the 14-3-3 theta antibody at -20oC.

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