

14-3-3 θ Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50665

Specification

14-3-3 θ Antibody - Product Information

Application WB
Primary Accession P27348

Reactivity Human, Mouse, Rat

Host Rabbit
Clonality Polyclonal
Calculated MW 28 KDa
Antigen Region 60-89

14-3-3 θ Antibody - Additional Information

Gene ID 10971

Other Names

14-3-3 protein theta, 14-3-3 protein T-cell, 14-3-3 protein tau, Protein HS1, YWHAQ

Dilution

WB~~1:1000

Format

Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions

-20°C

14-3-3 θ Antibody - Protein Information

Name YWHAQ

Function

Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner. Negatively regulates the kinase activity of PDPK1.

Cellular Location

Cytoplasm. Note=In neurons, axonally transported to the nerve terminals

Tissue Location

Abundantly expressed in brain, heart and pancreas, and at lower levels in kidney and placenta. Up-regulated in the lumbar spinal cord from patients with sporadic amyotrophic lateral sclerosis (ALS) compared with controls, with highest levels of expression in individuals with predominant



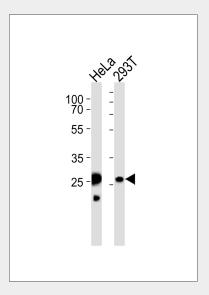
lower motor neuron involvement

14-3-3 θ Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

14-3-3 θ Antibody - Images



Western blot analysis of lysates from HeLa,293T cell line (from left to right),using 14-3-3 θ Antibody(AP50665). AP50665 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysates at 35ug per lane.

14-3-3 θ Antibody - Background

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14-3-3 θ Antibody - References

Nielsen P.J., et al. Biochim. Biophys. Acta 1088:425-428(1991). Leffers H., et al. J. Mol. Biol. 231:982-998(1993). Kalnine N., et al. Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases. Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases. Gevaert K., et al. Nat. Biotechnol. 21:566-569(2003).