

Product Data Sheet

Purified anti-14-3-3 ζ

Catalog # / Size: 637801 / 25 µl

Clone: Poly6378

Isotype: Rabbit Polyclonal

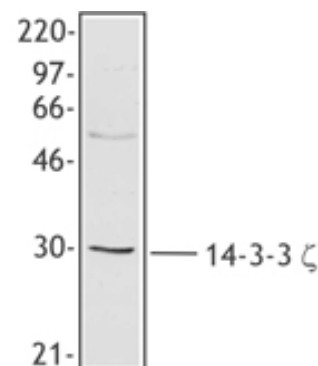
Immunogen: Full-length human 14-3-3 zeta protein

Reactivity: Human, **Cross-Reactivity:** Mouse (very weak)

Preparation: The antibody was purified by antigen-affinity chromatography.

Formulation: This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 50% glycerol.

Storage: Upon receipt, store frozen at -20°C.



Western blot analysis of extracts from HeLa cells, using anti-14-3-3 ζ, Poly6378.

Applications:

Applications: WB - Quality tested

Recommended Usage: Each lot of this antibody is quality control tested by Western blotting. Western blotting, suggested working dilution(s): Use 10 µl per 5 ml antibody dilution buffer for each mini-gel. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Nakav, S., *et al.* 2011. *Am J Respir Cell Mol Biol.* PubMed.

Description: 14-3-3 zeta is a 28 kD protein, also known tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide that belongs to the family of 14-3-3 proteins. This family of proteins mediates signal transduction and cell cycle progression by binding to phosphoserine and phosphothreonine motifs on a large number of target molecules. 14-3-3 proteins activate tyrosine and tryptophan hydroxylases and protein kinase C. There are eight known isoforms of 14-3-3: alpha, beta, gamma, delta, epsilon, zeta, eta, and theta. The Poly6378 antibody has been shown to be useful for western blotting of human 14-3-3 zeta protein.

Antigen References: 1. Woodcock JM, *et al.* 2003. *J. Biol. Chem.* 278:36323.
2. Seluja GA, *et al.* 1998. *Biochim. Biophys. Acta* 1395:281.



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