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11-1019: Polyclonal Antibody to 14-3-3 Zeta

Clonality: Polyclonal

Application: WB Reactivity: Human **YWHAZ** Gene: Gene ID: 7534 P63104 **Uniprot ID:** Format: Purified **Alternative Name: YWHAZ** Isotype: Rabbit IgG

Immunogen Information: A partial length recombinant 14-3-3 Zeta protein (amino acids 48-245) was used as the

immunogen for this antibody.

Description

14-3-3zeta is a central cellular hub protein regulating multiple signaling pathways involved in cancer development, progression and therapeutic resistance. It is linked to endoplasmic reticulum (ER) function in neurons, with reduced levels provoking ER stress and increasing vulnerability to excitotoxic injury. It is up-regulated in malignancy, which suggests its potential as a putative drug target for the treatment of colorectal cancer and tumorgenesis in pancreas, EOC (epithelial ovarian cancer).

Product Info

Amount : $25 \mu g / 100 \mu g$

Purification: Protein A Chromatography

Content : 25 μg in 50 μl/100 μg in 200 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium

azide is highly toxic.

Storage condition:

Storage condition:

Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Western blot analysis: 2-4 µg/ml

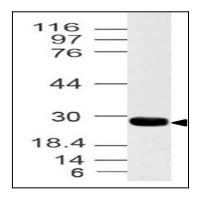


Fig-1: Western blot analysis of 14-3-3 Zeta. Anti-14-3-3 Zeta antibody (11-1019) was used at 4 μ g/ml on MOLT-4 lysate.