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DUSP3 Polyclonal Antibody

Cat #: G-AB-07692

Host: Rabbit **Reactivity:** Mouse, Rat

Isotype: IgG **Clonality:**

Overview:
The protein encoded by this gene is a member of the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. They negatively regulate members of the mitogen-activated protein (MAP) kinase superfamily (MAPK/ERK, SAPK/JNK, p38), which are associated with cellular proliferation and differentiation. Different members of the family of dual specificity phosphatases show distinct substrate specificities for various MAP kinases, different tissue distribution and subcellular localization, and different modes of inducibility of their expression by extracellular stimuli. This gene maps in a region that contains the BRCA1 locus which confers susceptibility to breast and ovarian cancer. Although DUSP3 is expressed in both breast and ovarian tissues, mutation screening in breast cancer pedigrees and in sporadic tumors was negative, leading to the conclusion that this gene is not BRCA1.

Gene ID: 1845

Accession #:

Immunogen: Recombinant fusion protein of human DUSP3 (NP_004081.1).

Conjugation: Unconjugated

Swissprot: P51452

Calculated Molecular Weight: 16 kDa/20 kDa

Observed Molecular Weight: 20 kDa

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3

Purification Method: Affinity purification

Application: WB

Dilution: WB 1:500-1:1000

Storage: Store at -20°C. Avoid freeze / thaw cycles.