DUSP3 Antibody

Cat. No.:	HY-P80646
Synonyms:	DUSP3 Antibody is a non-conjugated and Rabbit origined polyclonal antibody about 20 kDa, targeting to DUSP3. It can be used for WB,IHC-F,IHC-P,ICC/IF,FC,IP assays with tag free, in the background of Human, Mouse, Rat.
Host:	Rabbit
Reactivity:	Human,Mouse,Rat
Conjugation:	Non-conjugated
SwissProt ID:	P51452
Research Field:	Signal Transduction
Molecular Weight:	Predicted band size: 20 kDa

PROPERTIES

Formulation	Supplied in 50 mM Tris-Glycine (pH 7.4), 0.15 M NaCl, 40% Glycerol and 0.05% BSA. Preservative: 0.01% Sodium azide
Purity	affinity purified
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Appearance	Liquid

Application & Dilution Ratio

Application	Dilution Ratio
WB	1:500-1:1,000
IHC	1:50-1:100
IF	1:50-1:200
IP	1:20
FC	1:50-1:100

Shipping	Shipping with blue ice.

DESCRIPTION

Background

DUSP3: 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. [provided by RefSeq, Jul 2008]

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