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Datasheet for ABIN6657452

anti-MEG3 antibody (pSer679, pSer683)

Overview

Quantity:	100 µL
Target:	MEG3 (FAM129B)
Binding Specificity:	pSer679, pSer683
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MEG3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	<p>Immunogen: Anti-Phospho-Ser679/683 FAM129B Antibody was produced in rabbits by repeated immunizations with a synthetic phospho-peptide corresponding to amino acid residues surrounding Ser679/683 of human FAM129B conjugated to KLH.</p> <p>Immunogen Type: Peptide</p>
Isotype:	IgG
Cross-Reactivity:	Mouse (Murine)
Purification:	<p>Anti-Phospho-Ser679/683 FAM129B Antibody is directed against human FAM129B protein phosphorylated at S679 and S683. The antibody was prepared from monospecific antiserum by immunoaffinity chromatography using phospho peptide coupled to agarose beads followed by solid phase adsorption(s) against non-phospho peptide and non-specific peptide to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc</p>

Product Details

against anti-Rabbit Serum. This antibody is specific for phosphorylated FAM129B. Minimal reactivity occurs against non-phosphorylated FAM129B. Reactivity against FAM129B occurs from mouse sources. However, reactivity is also expected against human and non-human primate based on 100% sequence homology.

Target Details

Target:	MEG3 (FAM129B)
Alternative Name:	FAM129B (FAM129B Products)
Background:	<p>Synonyms: Niban-like protein 1, Meg-3, Melanoma invasion by ERK, MINERVA, Protein FAM129B</p> <p>Background: FAM129B, also known as Niban-like protein 1, belongs to a poorly characterized protein family with unknown category and function. Increased expression of the Niban gene has been observed in renal carcinomas. Suppression of FAM129B expression in HeLa cells has been seen to promote apoptosis, suggesting that it can modulate cell death signaling, and may be involved in the ER stress response. FAM129B is also up-regulated in various types of thyroid tumors and Hashimoto's thyroiditis. It has been suggested that the MAP kinase dependent phosphorylation of FAM129B is important in controlling melanoma cells, as inhibition of B/Raf/MKK/ERK in melanoma cells represses invasion. It is believed that phosphorylated FAM129B not only derepresses invasion, but also regulates events that promote invasion. FAM129B pS679/683 Antibody is ideal for researchers interested in cancer research.</p> <p>Gene Name: FAM129B</p>
Gene ID:	64855
UniProt:	Q96TA1

Application Details

Application Notes:	<p>Application Note: Anti-Phospho-Ser679/683 FAM129B Antibody is suitable for Western Blots and is specific for the ~83 kDa FAM129B phosphorylated at Ser679/683. Immunolabeling is blocked by preadsorption of antibody with the phospho-peptide that was used to generate the antibody but not by the corresponding dephospho-peptide.</p> <p>ELISA Dilution: 1:10,000</p> <p>Western Blot Dilution: 1:1000</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Buffer: 0.01 M HEPES, 0.15 M Sodium Chloride, pH 7.5 Stabilizer: 0.1 mg/mL Bovine Serum Albumin (BSA) - IgG and Protease free, 50 % (v/v) Glycerol
Preservative:	Without preservative
Storage:	RT, -20 °C
Storage Comment:	Store vial at -20° C prior to opening in undiluted aliquots. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. Dilut