

Datasheet for ABIN3043345 anti-SNAI3 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µg
Target:	SNAI3
Binding Specificity:	AA 155-178, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Zinc finger protein SNAI3(SNAI3) detection. Tested with WB in Human.
Immunogen:	A synthetic peptide corresponding to a sequence in the middle region of human SNAI3 (155-178aa FHCHKPYHTLAGLARHRQLHCHLQ), different from the related mouse sequence by two amino acids.
Sequence:	FHCHKPYHTL AGLARHRQLH CHLQ
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	<p>Rabbit IgG polyclonal antibody for Zinc finger protein SNAI3(SNAI3) detection. Tested with WB in Human.</p> <p>Gene Name: snail family zinc finger 3</p> <p>Protein Name: Zinc finger protein SNAI3</p>

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: SNAI3

Alternative Name: SNAI3 ([SNAI3 Products](#))

Background: SNAI3 is a member of the SNAIL gene family, named for the Drosophila snail gene, which plays roles in mesodermal formation during embryogenesis. SNAI3 gene, was located between KIAA0233 gene and CBFA2T3 gene in human chromosome 16q24.3, a region affected in breast cancer, gastric cancer, hepatocellular carcinoma, ovarian cancer, and therapy-related myeloid leukemia with t(16,21)(q24,q22) translocation. Human SNAI3 gene was found to encode 292-amino-acid polypeptide with the N-terminal SNAG domain and five zinc finger domains. And Human SNAI3 mRNA was expressed in skin melanotic melanoma, lung epidermoid carcinoma, and germ cell tumor. Because SNAG zinc-finger proteins are transcriptional repressors implicated in carcinogenesis and embryogenesis, SNAI3 gene might be a potent target of pharmacogenomics in the field of oncology and regenerative medicine.

Synonyms: MGC129606 antibody|Protein snail homolog 3 antibody|SMUC antibody|SNAI3 antibody|SNAI3_ HUMAN antibody|Snail homolog 3 (Drosophila) antibody|SNAIL3 antibody|Zfp293 antibody|Zinc finger protein 293 antibody|Zinc finger protein SNAI3 antibody|ZNF293 antibody

Gene ID: 333929

Application Details

Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, The detection limit for SNAI3 is approximately 0.1 ng/lane under reducing conditions.
Notes: Tested Species: Species with positive results.
Other applications have not been tested. Optimal dilutions should be determined by end users.

Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Handling

Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Anti- SNAI3 Picoband antibody, Western blotting
All lanes: Anti SNAI3 at 0.5ug/ml WB: MCF-7 Whole Cell
Lysate at 40ug Predicted bind size: 32KD Observed bind
size: 32KD