

Anti-SNAI3 Picoband Antibody

Catalog # ABO12130

Product Information

Application	WB
Primary Accession	Q3KNW1
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Zinc finger protein SNAI3(SNAI3) detection. Tested with WB in Human.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	333929
Other Names	Zinc finger protein SNAI3, Protein snail homolog 3, Zinc finger protein 293, SNAI3, ZNF293
Calculated MW	32474
Application Details	Western blot, 0.1-0.5 µg/ml, Human
Subcellular Localization	Nucleus .
Source	Eukaryota
Protein Name	Zinc finger protein SNAI3
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
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.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	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.
Sequence Similarities	Belongs to the snail C2H2-type zinc-finger protein family.

Protein Information

Name	SNAI3
Synonyms	ZNF293
Function	Seems to inhibit myoblast differentiation. Transcriptional repressor of E-box-dependent transactivation of downstream myogenic bHLHs genes. Binds preferentially to the canonical E-box sequences 5'- CAGGTG-3' and 5'-CACCTG-3' (By similarity).
Cellular Location	Nucleus.

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.

Images



Anti- SNAI3 Picoband antibody, ABO12130, Western blotting
All lanes: Anti SNAI3 (ABO12130) at 0.5ug/ml
WB: MCF-7 Whole Cell Lysate at 40ug
Predicted bind size: 32KD
Observed bind size: 32KD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.