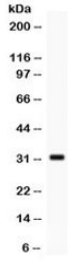
SNAI3 Antibody (R32257)

Catalog No.	Formulation	Size
R32257	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q3KNW1
Applications	Western blot: 0.1-0.5ug/ml
Limitations	This SNAI3 antibody is available for research use only.



Western blot testing of human MCF7 cell lysate with SNAI3 antibody.
Expected/observed molecular weight ~32 kDa.

Description

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.

Application Notes

Optimal dilution of the SNAI3 antibody should be determined by the researcher.

Immunogen

Amino acids FHCHKPYHTLAGLARHRQLHCHLQ of human SNAI3 were used as the immunogen for the SNAI3 antibody.

Storage

After reconstitution, the SNAI3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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