

Datasheet for ABIN6566781

anti-NACA antibody[Go to Product page](#)**1** Image

Overview

Quantity:	200 µL
Target:	NACA (NACa1)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NACA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein of human NACA
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	NACA (NACa1)
Alternative Name:	NACA (NACa1 Products)
Background:	Synonyms: Alpha NAC,Alpha-NAC,Hom s 2.02,HSD48 ,MGC117224,NAC-alpha,naca,NACA/1.9.2,NACA,NACA1,Nascent polypeptide associated complex alpha polypeptide,Nascent polypeptide associated complex alpha subunit,Nascent polypeptide associated complex subunit alpha,Nascent polypeptide-associated complex subunit alpha Background: This gene encodes a protein that associates with basic transcription factor 3

Target Details

(BTF3) to form the nascent polypeptide-associated complex (NAC). This complex binds to nascent proteins that lack a signal peptide motif as they emerge from the ribosome, blocking interaction with the signal recognition particle (SRP) and preventing mistranslocation to the endoplasmic reticulum. This protein is an IgE autoantigen in atopic dermatitis patients. Alternative splicing results in multiple transcript variants, but the full length nature of some of these variants, including those encoding very large proteins, has not been determined. There are multiple pseudogenes of this gene on different chromosomes.

Molecular Weight:	Observed_MW: 37kDa, 39kDa Calculated_MW: 23kDa/94kDa/205kDa
Gene ID:	4666
UniProt:	Q13765
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

Application Details

Application Notes:	WB 1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using NACA antibody.

