

---

## NACA1 Rabbit pAb

Catalog Number: bs-18996R

Target Protein: NACA1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ICC/IF (1:100-500), ELISA (1:5000-10000)

Reactivity: (predicted:Human, Mouse, Rat, Pig, Sheep, Cow, Horse, Danio)

Predicted MW: 23 kDa

Subcellular Cytoplasm ,Nucleus

Locations:

Entrez Gene: 4666

Swiss Prot: Q13765

Source: KLH conjugated synthetic peptide derived from human NACA1: 121-215/215.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** The protein encoded by this gene associates with basic transcription factor 3 (BTF3) to form the nascent polypeptide-associated complex (NAC). NAC binds to nascent proteins as they emerge from the ribosome, blocking interaction with the signal recognition particle (SRP) and preventing mistranslocation to the endoplasmic reticulum. However, nascent proteins with an exposed signal peptide will not be bound by the encoded protein, enabling them to bind the SRP and enter the secretory pathway. This protein has been determined to be an IgE autoantigen in atopic dermatitis patients. Several transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]