NACA (Phospho Thr159) Rabbit pAb

CatalogNo: YP1786

Key Features

Host Species	Reactivity	Applications
• Rabbit	• Human,Mouse,Rat	• WB

MW	Isotype
• 23kD (Observed)	• IgG

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized peptide derived from human NACA (Phospho-Thr159)
Specificity	This antibody detects endogenous levels of NACA (Phospho-Thr159) at Human, Mouse,Rat.The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):TQtPT

Target Information

Gene name NACA HSD48

Protein Name NACA (Phospho-Thr159)

Organism	Gene ID	UniProt ID
Human	4666;	Q13765;
Mouse	17938;	Q60817;

Cellular Localization Cytoplasm . Nucleus . The heterodimer is located mainly in the cytosol, and the homodimer in the nucleus. .

Tissue specificity Ubiquitously expressed.

Function allergen:Causes an allergic reaction in human. Binds to IgE from atopic dermatitis (AD) patients. Identified as an IgE autoantigen in atopic dermatitis (AD) patients with severe skin manifestations.,Function:Prevents inappropriate targeting of non-secretory polypeptides to the endoplasmic reticulum (ER). Binds to nascent polypeptide chains as they emerge from the ribosome and blocks their interaction with the signal recognition particle (SRP), which normally targets nascent secretory peptides to the ER. Also reduces the inherent affinity of ribosomes for protein translocation sites in the ER membrane (M sites). May act as a specific coactivator for JUN, binding to DNA and stabilizing the interaction of JUN homodimers with target gene promoters.,PTM:Phosphorylation of Ser-43 by ILK during cell adhesion may promote nuclear localization. Phosphorylation of Thr-159 by GSK3B may promote proteasome mediated degradation (By similarity). Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the NAC-alpha family.,similarity:Contains 1 NAC-A/B (NAC-alpha/beta) domain.,similarity:Contains 1 UBA domain.,subcellular location:Predominantly cytoplasmic. Also found in nucleus.,subunit:Interacts with TBP and JUN (By similarity). Part of the nascent polypeptide-associated complex (NAC), consisting of NACA and BTF3. NAC associates with ribosomes through the BTF3 subunit. Both subunits can contact nascent polypeptide chains. Interacts with ASFV protein H339R.,tissue specificity:Ubiquitously expressed.,

Validation Data

Contact information

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Please scan the QR code to access additional product information: **NACA (Phospho Thr159) Rabbit pAb**