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**Product Name: NACAD Rabbit Polyclonal Antibody****Catalog #: APRab14390**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human,Rat,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:50-1:300
<b>Molecular Weight</b>	140kDa

**Antigen Information**

<b>Gene Name</b>	NACAD
<b>Alternative Names</b>	NACAD; KIAA0363; NAC-alpha domain-containing protein 1
<b>Gene ID</b>	23148.0
<b>SwissProt ID</b>	O15069
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human NACAD. AA range:376-425

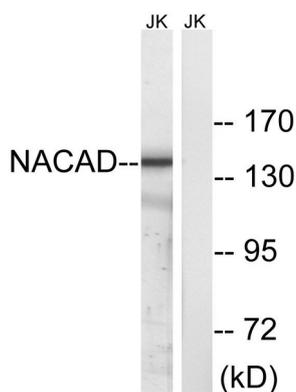
**Background**

function:May prevent inappropriate targeting of non-secretory polypeptides to the endoplasmic reticulum (ER). May bind to

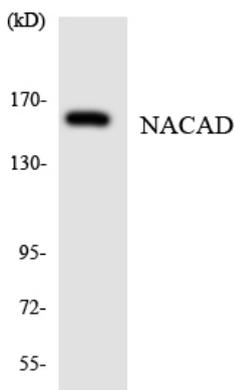
nascent polypeptide chains as they emerge from the ribosome and block their interaction with the signal recognition particle (SRP), which normally targets nascent secretory peptides to the ER. May also reduce the inherent affinity of ribosomes for protein translocation sites in the ER membrane (M sites).,similarity:Belongs to the NAC-alpha family.,similarity:Contains 1 NAC-A/B (NAC-alpha/beta) domain.,function:May prevent inappropriate targeting of non-secretory polypeptides to the endoplasmic reticulum (ER). May bind to nascent polypeptide chains as they emerge from the ribosome and block their interaction with the signal recognition particle (SRP), which normally targets nascent secretory peptides to the ER. May also reduce the inherent affinity of ribosomes for protein translocation sites in the ER membrane (M sites).,similarity:Belongs to the NAC-alpha family.,similarity:Contains 1 NAC-A/B (NAC-alpha/beta) domain.,

## Research Area

### Image Data



Western blot analysis of lysates from Jurkat cells, using NACAD Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using NACAD antibody.

Western Blot analysis of Jurkat cells using NACAD Polyclonal Antibody

