

NACAD rabbit pAb

Cat No.:ES5310

For research use only

Overview

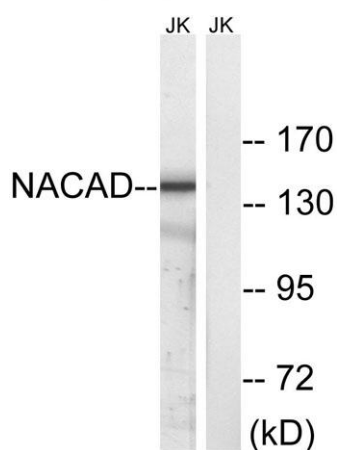
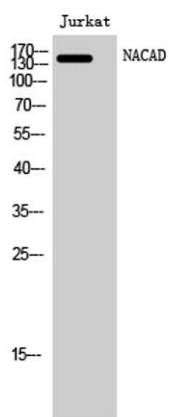
Product Name	NACAD rabbit pAb
Host species	Rabbit
Applications	WB;IHC
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000;IHC-p 1:50-300
Immunogen	The antiserum was produced against synthesized peptide derived from human NACAD. AA range:376-425
Specificity	NACAD Polyclonal Antibody detects endogenous levels of NACAD protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	NAC-alpha domain-containing protein 1
Gene Name	NACAD
Cellular localization	Cytoplasm . Nucleus .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	140kD
Human Gene ID	23148
Human Swiss-Prot Number	O15069
Alternative Names	NACAD; KIAA0363; NAC-alpha domain-containing protein 1
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



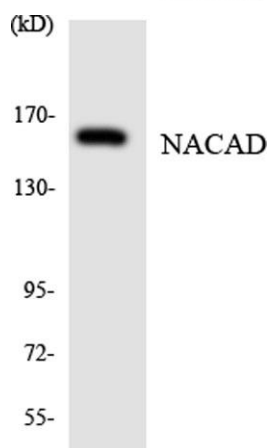


affinity of ribosomes for protein translocation sites in the ER membrane (M sites).,similarity:Belongs to the NAC-alpha family.,similarity:Contains 1 NAC-A/B (NAC-alpha/beta) domain.,

Western Blot analysis of Jurkat cells using NACAD Polyclonal Antibody



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

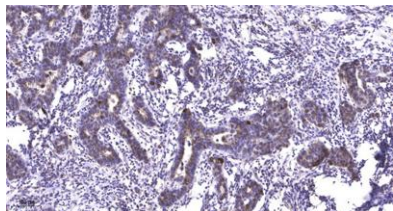


Western blot analysis of the lysates from HeLa cells using NACAD antibody.





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Immunohistochemical analysis of paraffin-embedded human Breast cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



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