

Anti-NACAD Antibody

Catalog # AP51798

Product Information

Application	WB
Primary Accession	O15069
Reactivity	Human, Mouse, Rat, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	161101

Additional Information

Gene ID	23148
Other Names	KIAA0363; NAC-alpha domain-containing protein 1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NACAD. The exact sequence is proprietary.
Dilution	WB~~ 1:1000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

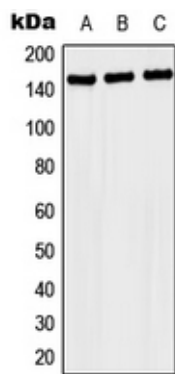
Name	NACAD
Synonyms	KIAA0363
Function	May prevent inappropriate targeting of non-secretory polypeptides to the endoplasmic reticulum (ER). May bind to nascent polypeptide chains as they emerge from the ribosome and block their interaction with the signal recognition particle (SRP), which normally targets nascent secretory peptides to the ER. May also reduce the inherent affinity of ribosomes for protein translocation sites in the ER membrane (M sites) (By similarity).
Cellular Location	Cytoplasm. Nucleus.

References

Hillier L.W.,et al.Nature 424:157-164(2003).

Nagase T.,et al.DNA Res. 4:141-150(1997).
Rigbolt K.T.,et al.Sci. Signal. 4:RS3-RS3(2011).

Images



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