



NAB2 rabbit pAb

Cat No.:ES2894

For research use only

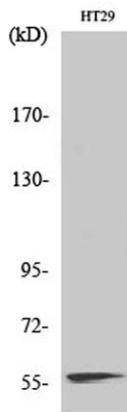
Overview

Product Name	NAB2 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human NAB2. AA range:261-310
Specificity	NAB2 Polyclonal Antibody detects endogenous levels of NAB2 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	NGFI-A-binding protein 2
Gene Name	NAB2
Cellular localization	Nucleus . Isoform 2 is not localized to the 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	56kD
Human Gene ID	4665
Human Swiss-Prot Number	Q15742
Alternative Names	NAB2; MADER; NGFI-A-binding protein 2; EGR-1-binding protein 2; Melanoma-associated delayed early response protein; Protein MADER
Background	This gene encodes a member of the family of NGFI-A binding (NAB) proteins, which function in the nucleus to repress transcription induced by some members of the EGR (early growth response) family



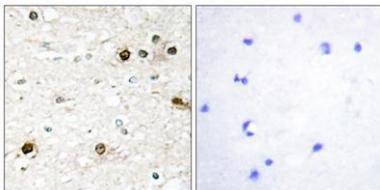


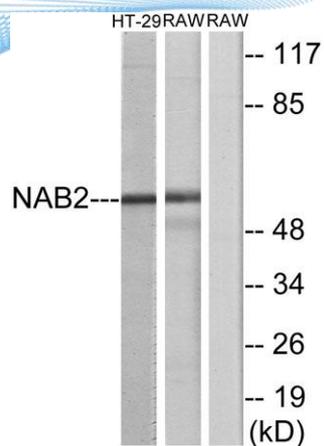
of transactivators. NAB proteins can homo- or hetero-multimerize with other EGR or NAB proteins through a conserved N-terminal domain, and repress transcription through two partially redundant C-terminal domains. Transcriptional repression by the encoded protein is mediated in part by interactions with the nucleosome remodeling and deacetylase (NuRD) complex. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq, Jul 2008],



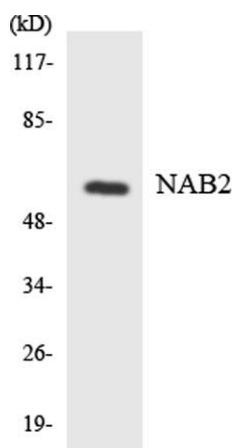
Western Blot analysis of various cells using NAB2 Polyclonal Antibody diluted at 1:1000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).

Immunohistochemistry analysis of paraffin-embedded human brain tissue, using NAB2 Antibody. The picture on the right is blocked with the synthesized peptide.





Western blot analysis of lysates from HT-29 and RAW264.7 cells, using NAB2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using NAB2 antibody.

