

Product datasheet for **AP01179PU-N**

NAB2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Western Blot: 1/500–1/1000. Immunohistochemistry on Paraffin Sections: 1/50–1/200.
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 274–324 of Human NAB2.
Specificity:	This antibody detects endogenous levels of NAB2 protein. (region surrounding Asp306)
Formulation:	Phosphate buffered saline (PBS), pH~7.2 State: Aff – Purified State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE) Preservative: 15 mM Sodium Azide
Concentration:	1.0 mg/ml
Purification:	Affinity Chromatography using epitope-specific immunogen
Conjugation:	Unconjugated
Storage:	Store undiluted at 2–8°C for one month or (in aliquots) at –20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Predicted Protein Size:	~58.0 kDa
Gene Name:	NGFI-A binding protein 2
Database Link:	Entrez Gene 4665 Human Q15742



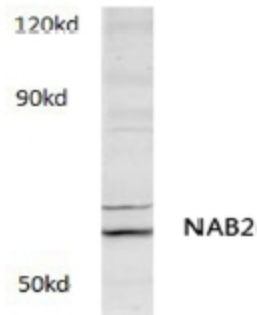
Background:

Transcriptional control is in part regulated by interactions between DNA-bound transcription factors, such as Egr-1/NGFI-A, and coregulatory proteins, such as NAB (for NGFI-A-binding proteins). The evolutionarily conserved NAB proteins, NAB1 and NAB2, are corepressors of EGF-1/NGFI-A. Both NAB1 and NAB2 contain an amino terminal NAB conserved domain 1 (NCB1), which is required for binding NGFI-A, and a carboxy terminal NCD2 domain, which is responsible for the repressor function of NAB proteins. NAB2 is principally localized in the nucleus and may play a role in the downregulation of NGFI-A activity as well as in controlling fundamental processes such as cell division, differentiation and apoptosis. NAB2 has a predicted molecular mass of 56 kDa and localizes to chromosome 12q13.3-14.1, a region that is rearranged in several solid tumors, lipomas and liposarcomas.

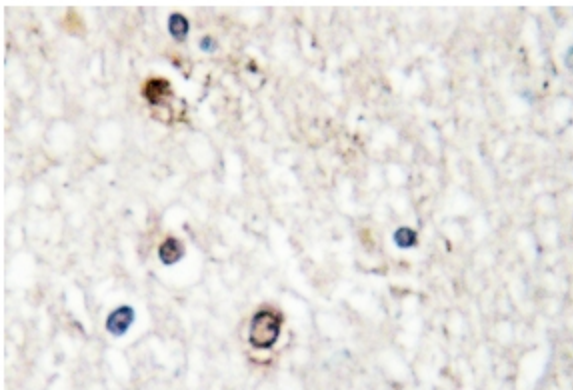
Synonyms:

MADER

Product images:



Western blot analysis of NAB2 antibody in extracts from Raw264.7 cells at 1/500 dilution



Immunohistochemistry (IHC) analyzes of NAB2 antibody in paraffin-embedded human brain tissue.