



NABC1 Rabbit mAb

Catalog No	YP-rAb-17656
Isotype	IgG
Reactivity	Human
Applications	WB
Gene Name	BCAS1;AIBC1;NABC1
Protein Name	Breast carcinoma-amplified sequence 1;Amplified and overexpressed in breast cancer;Novel amplified in breast cancer 1;
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	WB 1:1000-5000
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	NABC1;Breast carcinoma-amplified sequence 1;Amplified and overexpressed in breast cancer;Novel amplified in breast cancer 1;BCAS1 ; AIBC1 ; NABC1 ; Breast carcinoma-amplified sequence 1 ; Amplified and overexpressed in breast cancer ; Novel amplified in breast cancer 1 ;BCAS1;AIBC1
Observed Band	64kD
Calculated Molecular Weight	
Cell Pathway	Cytoplasm.
Tissue Specificity	Highly expressed in the brain and, more specifically, in oligodendrocytes (at protein level). Expressed in the prostate, and at lower levels in testis, intestine and colon. Overexpressed in most breast cancer cell lines and down-regulated in some colorectal tumors. {ECO:0000269 PubMed:10857754, ECO:0000269 PubMed:14567997, ECO:0000269 PubMed:29212715}.
Function	Required for myelination. {ECO:0000250 UniProtKB:Q80YN3}.
Background	This gene resides in a region at 20q13 which is amplified in a variety of tumor types and associated with more aggressive tumor phenotypes. Among the genes identified from this region, it was found to be highly expressed in three amplified breast cancer cell lines and in one breast tumor without amplification at 20q13.2. However, this gene is not in the common region of maximal amplification and its expression was not detected in the breast cancer cell line MCF7, in which this region is highly amplified. Although not consistently expressed, this gene is a



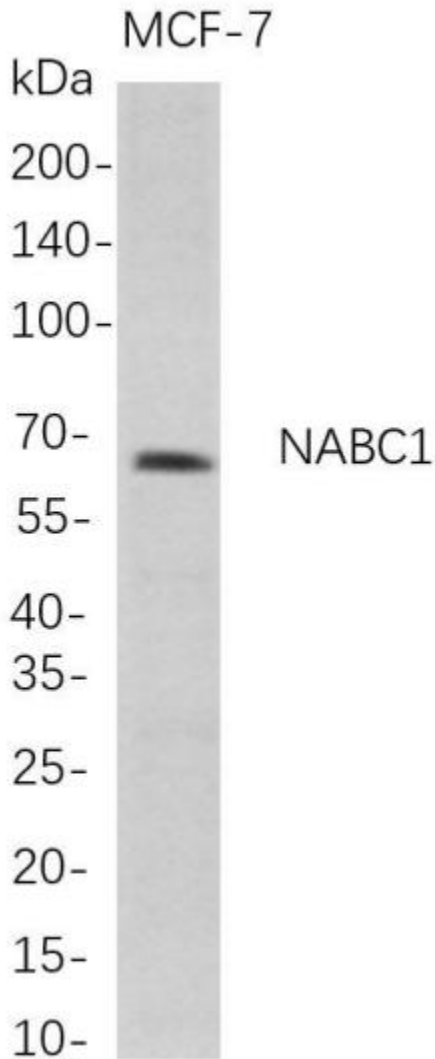
candidate oncogene. [provided by RefSeq, Apr 2016]

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Western Blot analysis of MCF-7 whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-NABC1 rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

