

For Research Use Only

# NBAS Polyclonal antibody

Catalog Number: 14683-1-AP

2 Publications



## Basic Information

<b>Catalog Number:</b> 14683-1-AP	<b>GenBank Accession Number:</b> BC051792	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 51594	<b>Recommended Dilutions:</b> IHC 1:50-1:500 IF/ICC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> A2RRP1	
<b>Isotype:</b> IgG	<b>Full Name:</b> neuroblastoma amplified sequence	
<b>Immunogen Catalog Number:</b> AG6407	<b>Calculated MW:</b> 269 kDa	
	<b>Observed MW:</b> 220 kDa	

## Applications

<b>Tested Applications:</b> IHC, IF/ICC, ELISA	<b>Positive Controls:</b> IHC : mouse brain tissue, IF/ICC : SH-SY5Y cells,
<b>Cited Applications:</b> WB, IF	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

NBAS, also known as neuroblastoma amplified (NAG) gene, was identified as a gene that is co-amplified with the N-myc (MYCN) gene in neuroblastoma cell lines. NBAS is a factor of the nonsense-mediated mRNA decay (NMD), which is a highly conserved surveillance pathway that allows the organism to respond to cellular and environmental stress.(PMID: 23828042)

## Notable Publications

Author	Pubmed ID	Journal	Application
Eleonora Palagano	29929043	Bone	WB
Robert S Kiss	37774976	J Biol Chem	IF

## Storage

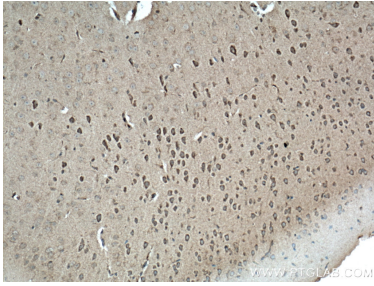
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

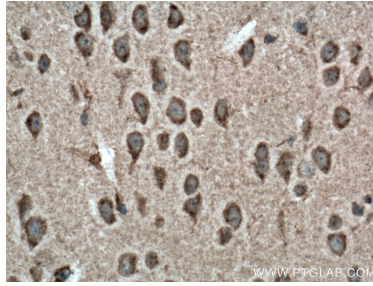
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

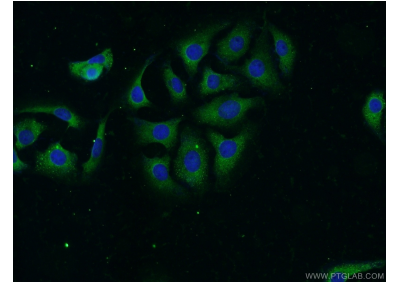
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 14683-1-AP (NBAS antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 14683-1-AP (NBAS antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using 14683-1-AP (NBAS antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).