

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 51050-1-AP	<b>GenBank-Zugangsnummer:</b> BC001959	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 133 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 55629	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:1000 IP 0.5-4.0 ug für IP und 1:200-1:1000 für WB IHC 1:20-1:200 IF 1:20-1:200
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> proline-rich nuclear receptor coactivator 2	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 16 kDa	
<b>Immunogen Katalognummer:</b> AG0099	<b>Beobachtete Masse:</b> 25 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF, IHC, IP, WB, ELISA	<b>Positivkontrollen:</b> WB : Mauslungengewebe, IP : Mauslungengewebe, IHC : humanes Gliomgewebe, IF : MCF-7-Zellen,
<b>In Publikationen genannte Anwendungen:</b> ChIP, IHC, WB	
<b>Getestete Reaktivität:</b> Human, Maus	
<b>Zitierte Arten:</b> Human	
<b>Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.</b>	

## Hintergrundinformationen

PNRC2 belongs to the PNRC family and PNRC2 subfamily. It is Involved in nonsense-mediated mRNA decay (NMD) by acting as a bridge between the mRNA decapping complex and the NMD machinery. It is required for UPF1/RENT1 localization to the P-body. PNRC2 also acts as a nuclear receptor coactivator. It may play a role in controlling the energy balance between energy storage and energy expenditure. (PMID:19150429) PNRC2 functions as a coactivator of several nuclear receptors, including ERRα, and participates in the activation of aromatase in conjunction with ERRα. Growth factor signaling promotes PELP1 recruitment to the aromatase chromatin and its formation of a complex with ERRα and PNRC2.(PMID:18079323)

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Rajhans Rajib R	18079323	Mol Endocrinol	WB,IHC,ChIP

## Lagerung

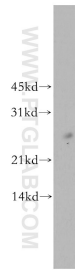
**Lagerungsbedingungen:**  
Bei -20°C lagern.  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

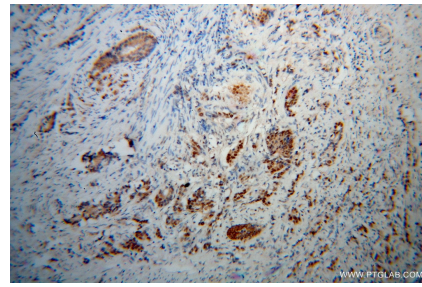
For technical support and original validation data for this product please contact:  
 T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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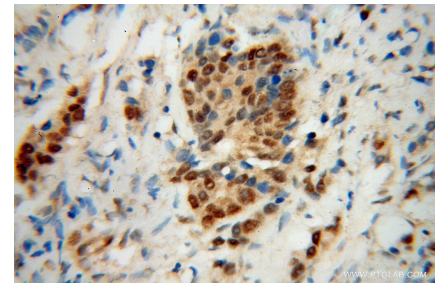
## Ausgewählte Validierungsdaten



mouse lung tissue were subjected to SDS PAGE followed by western blot with 51050-1-AP (PNRC2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



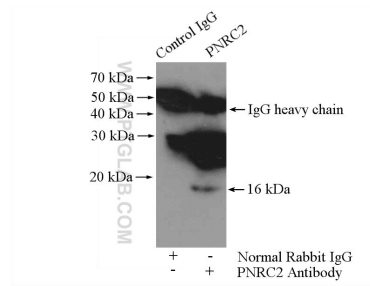
Immunohistochemical analysis of paraffin-embedded human gliomas using 51050-1-AP (PNRC2 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human gliomas using 51050-1-AP (PNRC2 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of MCF-7 cells, using PNRC2 antibody 51050-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP Result of anti-PNRC2 (IP:51050-1-AP, 4ug; Detection:51050-1-AP 1:300) with mouse lung tissue lysate 4000ug.