

## Product datasheet

# Anti-NIPSNAP1 antibody ab67302

1 References [画像数 3](#)

### 製品の概要

製品名	Anti-NIPSNAP1 antibody
製品の詳細	Rabbit polyclonal to NIPSNAP1
アプリケーション	<b>適用あり:</b> ICC/IF, IHC-P, WB
種交差性	<b>交差種:</b> Mouse, Rat, Human
免疫原	Synthetic peptide (Human) of 18 amino acids from near the C-terminus.
ポジティブ・コントロール	Human Brain Tissue Lysate

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	Preservative: 0.02% Sodium Azide Constituents: PBS
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab67302** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
ICC/IF		Use a concentration of 20 µg/ml.
IHC-P		Use a concentration of 2.5 µg/ml.
WB		Use a concentration of 0.5 - 1 µg/ml. Detects a band of approximately 33 kDa (predicted molecular weight: 33 kDa).

## ターゲット情報

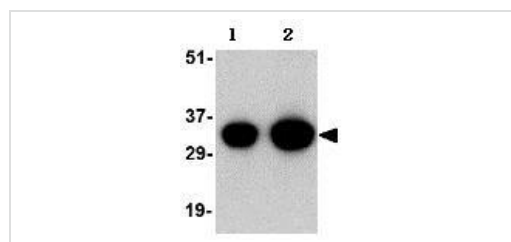
### 関連性

NIPSNAP is a member of an evolutionarily well conserved gene family and has a strong sequence similarity to the central portion of a protein encoded by *C. elegans* chromosome III between a 4-nitrophenylphosphatase (NIP) domain and non-neuronal SNAP25-like protein. Recent studies have indicated that NIPSNAP is involved in the regulation of the Ca<sup>2+</sup>-selective transient receptor potential vanilloid channel 6 (TRPV6). NIPSNAP1 associates with TRPV6 at the plasma membrane and inhibits TRPV6 currents. Other studies show that NIPSNAP's expression is reduced in the phenylketonuria (PKU) mouse brain, suggesting that NIPSNAP may play a role in memory.

### 細胞内局在

Mitochondrial

## 画像



Western blot - NIPSNAP1 antibody (ab67302)

**Lane 1** : Anti-NIPSNAP1 antibody (ab67302)  
at 0.5 µg/ml

**Lane 2** : Anti-NIPSNAP1 antibody (ab67302)  
at 1 µg/ml

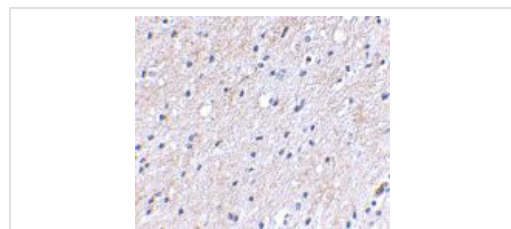
**Lane 1** : Human brain tissue lysate

**Lane 2** : Human brain tissue lysate

Lysates/proteins at 15 µg per lane.

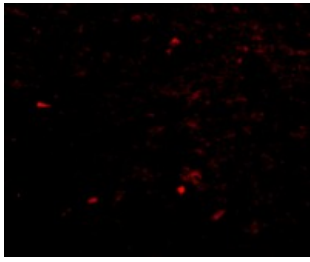
**Predicted band size** : 33 kDa

**Observed band size** : 33 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - NIPSNAP1 antibody (ab67302)

ab67302 at 2.5 µg/ml staining NIPSNAP1 in human prostate tissue section by Immunohistochemistry (Formalin/ PFA fixed paraffin-embedded sections).



Immunofluorescence of NIPSNAP in Human  
Brain cells using ab67302 at 20 ug/ml.

Immunocytochemistry/ Immunofluorescence-Anti-  
NIPSNAP1 antibody(ab67302)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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