

Datasheet for ABIN7161398  
**anti-NREP antibody (AA 1-68)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	NREP (C5orf13)
Binding Specificity:	AA 1-68
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NREP antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Neuronal regeneration-related protein (1-68AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	NREP (C5orf13)
Alternative Name:	NREP ( <a href="#">C5orf13 Products</a> )
Background:	Background: May have roles in neural function. Ectopic expression augments motility of gliomas. Promotes also axonal regeneration (By similarity). May also have functions in cellular

## Target Details

differentiation (By similarity). Induces differentiation of fibroblast into myofibroblast and myofibroblast ameboid migration. Increases retinoic-acid regulation of lipid-droplet biogenesis (By similarity). Down-regulates the expression of TGFB1 and TGFB2 but not of TGFB3 (By similarity). May play a role in the regulation of alveolar generation.

Aliases: 3.1 gene antibody, C5orf13 antibody, Chromosome 5 open reading frame 13 antibody, D4S114 antibody, Neuronal protein 3.1 antibody, Neuronal regeneration related protein antibody, Neuronal regeneration related protein homolog (rat) antibody, Neuronal regeneration related protein homolog antibody, NP311\_HUMAN antibody, NREP antibody, P311 antibody, PRO1873 antibody, Protein p311 antibody, PTZ17 antibody, SEZ17 antibody

UniProt: [Q16612](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:500-1:1000, IF:1:200-1:500,

Restrictions: For Research Use only

## Handling

Format: Liquid

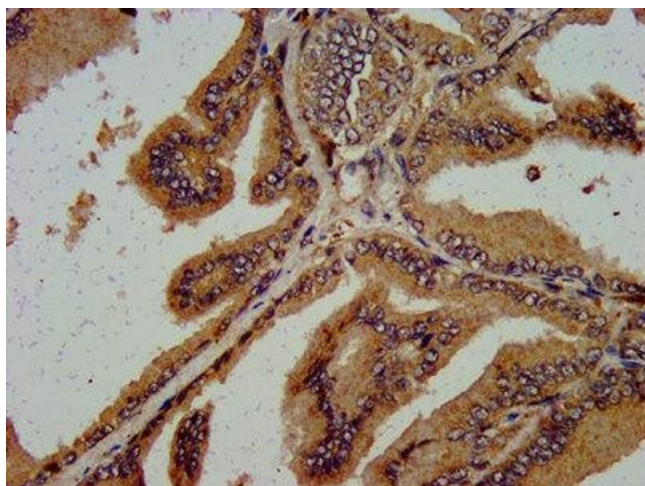
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

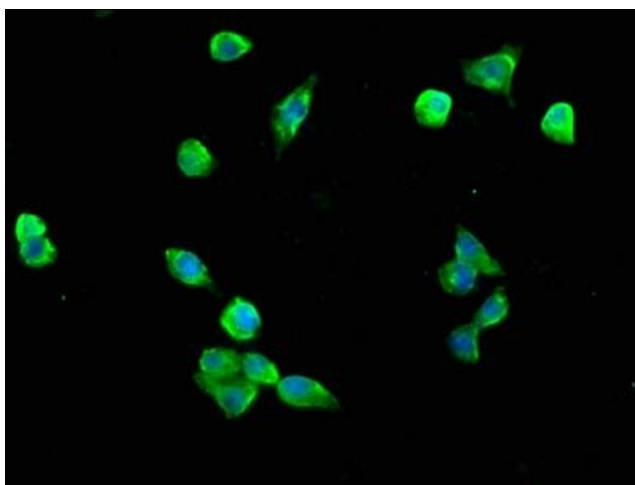
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunohistochemistry

**Image 1.** IHC image of ABIN7161398 diluted at 1:600 and staining in paraffin-embedded human prostate tissue performed on a Leica Bond™ system.



#### Immunofluorescence

**Image 2.** Immunofluorescence staining of SH-SY5Y cells with ABIN7161398 at 1:200, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).