

Datasheet for ABIN2778529  
**anti-NPAS3 antibody (Middle Region)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	NPAS3
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Rabbit, Horse, Guinea Pig, Goat, Dog, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NPAS3 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human NPAS3
Sequence:	CESTYQNLQA LRKEKSRDAA RSRRGKENFE FYELAKLLPL PAAITSQLDK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against NPAS3. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	NPAS3
Alternative Name:	NPAS3 ( <a href="#">NPAS3 Products</a> )

## Target Details

Background:	<p>This gene encodes a member of the basic helix-loop-helix and PAS domain-containing family of transcription factors. The encoded protein is localized to the nucleus and may regulate genes involved in neurogenesis. Chromosomal abnormalities that affect the coding potential of this gene are associated with schizophrenia and mental retardation. Alternate splicing results in multiple transcript variants.</p> <p>Alias Symbols: MOP6, PASD6, bHLHe12</p> <p>Protein Interaction Partner: ARNT2,</p> <p>Protein Size: 257</p>
-------------	--

Molecular Weight:	28 kDa
-------------------	--------

Gene ID:	64067
----------	-------

NCBI Accession:	<a href="#">NM_001164749</a> , <a href="#">NP_001158221</a>
-----------------	---

## Application Details

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

Format:	Liquid
---------	--------

Concentration:	1 mg/mL
----------------	---------

Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
---------	---

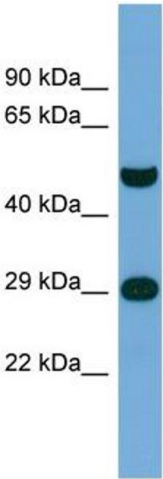
Preservative:	Sodium azide
---------------	--------------

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

Handling Advice:	Avoid repeat freeze-thaw cycles.
------------------	----------------------------------

Storage:	-20 °C
----------	--------

Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
------------------	---



Western Blotting

**Image 1.** Host: Rabbit Target Name: NPAS3 Sample Type: THP-1 Whole Cell lysates Antibody Dilution: 1.0ug/ml