

Datasheet for ABIN5542371

**anti-Prokineticin Receptor 2 antibody (acetylated)**[Go to Product page](#)**3** Images

## Overview

Quantity:	0.1 mg
Target:	Prokineticin Receptor 2 (PROKR2)
Binding Specificity:	acetylated
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Prokineticin Receptor 2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

## Product Details

Immunogen:	Synthesized peptide of human HH3 (AA: ARTKQTAR(AcK)STG-C).
Clone:	4E9B11
Isotype:	IgG1

## Target Details

Target:	Prokineticin Receptor 2 (PROKR2)
Alternative Name:	HH3 ( <a href="#">PROKR2 Products</a> )
Background:	Description: Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the

## Target Details

interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H3 family. Transcripts from this gene lack polyA tails, instead, they contain a palindromic termination element. This gene is located separately from the other H3 genes that are in the histone gene cluster on chromosome 6p22-p21.3.

Aliases: HIST3H3,H3t, H3.4, H3/g, H3FT

Molecular Weight:	15.5 kDa
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Gene ID:	8290
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HGNC:	8290
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Pathways:	<a href="#">Hedgehog Signaling</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">G-protein mediated Events</a> , <a href="#">Interaction of EGFR with phospholipase C-gamma</a>
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## Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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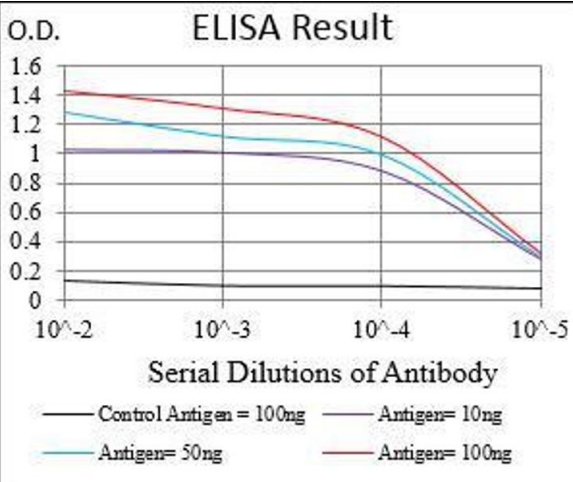
Buffer:	Purified antibody in PBS with 0.05 % sodium azide.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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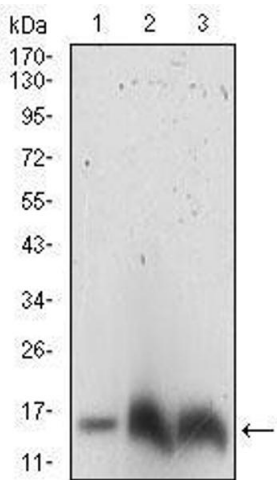
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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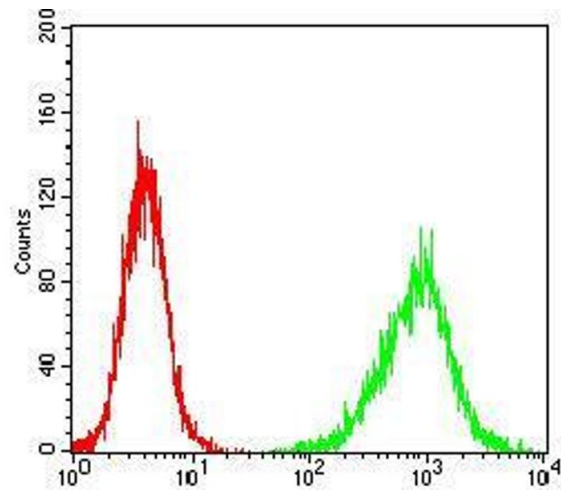
### ELISA

**Image 1.** Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



### Western Blotting

**Image 2.** Western blot analysis using AHH3 mouse mAb against NIH3T3 (1), Hela (2), K562 (3) cell lysate.



### Flow Cytometry

**Image 3.** Flow cytometric analysis of NIH/3T3 cells using HH3 mouse mAb (green) and negative control (red).