



Datasheet for ABIN549044  
**anti-Humanin antibody**



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### Overview

Quantity:	25 µg
Target:	Humanin (MT-RNR2)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Humanin antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of Humanin.
Immunogen:	A synthetic peptide corresponding to human Humanin.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Synthetic Peptide.

### Target Details

Target:	Humanin (MT-RNR2)
Alternative Name:	Humanin ( <a href="#">MT-RNR2 Products</a> )

## Application Details

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Application Notes:	Western Blot (1-5 µg/mL) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

## Handling

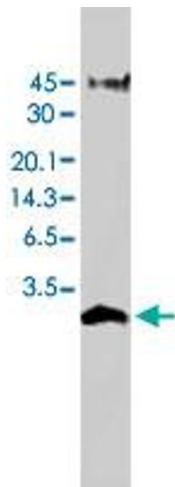
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Format:	Liquid
Buffer:	In PBS (0.1 % proclin, 2.0 % Block Ace)
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

## Publications

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Product cited in:	<p>Tajima, Niikura, Hashimoto, Ito, Kita, Terashita, Yamazaki, Koto, Aiso, Nishimoto: "Evidence for in vivo production of Humanin peptide, a neuroprotective factor against Alzheimer's disease-related insults." in: <b>Neuroscience letters</b>, Vol. 324, Issue 3, pp. 227-31, (2002) (<a href="#">PubMed</a>).</p> <p>Hashimoto, Ito, Niikura, Shao, Hata, Oyama, Nishimoto: "Mechanisms of neuroprotection by a novel rescue factor humanin from Swedish mutant amyloid precursor protein." in: <b>Biochemical and biophysical research communications</b>, Vol. 283, Issue 2, pp. 460-8, (2001) (<a href="#">PubMed</a>).</p> <p>Hashimoto, Niikura, Tajima, Yasukawa, Sudo, Ito, Kita, Kawasumi, Kouyama, Doyu, Sobue, Koide, Tsuji, Lang, Kurokawa, Nishimoto: "A rescue factor abolishing neuronal cell death by a wide spectrum of familial Alzheimer's disease genes and Abeta." in: <b>Proceedings of the National Academy of Sciences of the United States of America</b>, Vol. 98, Issue 11, pp. 6336-41, (2001) (<a href="#">PubMed</a>).</p> <p>Hashimoto, Niikura, Ito, Sudo, Hata, Arakawa, Abe, Kita, Nishimoto: "Detailed characterization of neuroprotection by a rescue factor humanin against various Alzheimer's disease-relevant insults." in: <b>The Journal of neuroscience : the official journal of the Society for Neuroscience</b>, Vol. 21, Issue 23, pp. 9235-45, (2001) (<a href="#">PubMed</a>).</p>
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### Western Blotting

**Image 1.** Western blot analysis of extract from humanin peptide, using Humanin polyclonal antibody .