



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## RUNX3 polyclonal antibody (A01)

Catalog # : H00000864-A01

規格 : [ 50 uL ]

[List All](#)

### Specification

**Product Description:** Mouse polyclonal antibody raised against a partial recombinant RUNX3.

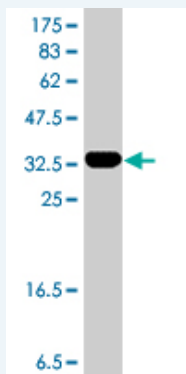
**Immunogen:** RUNX3 (NP\_004341, 194 a.a. ~ 279 a.a) partial recombinant protein with GST tag.

**Sequence:** FPDRFGDLERLRMRVTPSTPSPRGSLSTTSHFSSQPQTPIQGTSELNPFSDPRQFDRSFPTLPTLTESRFDPDRMHYPGAMSAAFP

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (35.57 KDa) .

**Storage Buffer:** 50 % glycerol

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:** [Download](#)

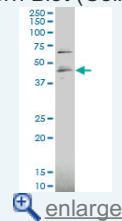
**Datasheet:** [Download](#)

### Publication Reference

- [Co-expression of Runx1 and Runx3 in mechanoreceptive neurons in dorsal root ganglion.](#)  
Yoshikawa M, Murakami Y, Senzaki K, Masuda T, Ozaki S, Ito Y, Shiga T. Dev Neurobiol. 2013 Jun;73(6):469-79. doi: 10.1002/dneu.22073. Epub 2013 Mar 20.
- [Brn3a/Pou4f1 regulates dorsal root ganglion sensory neuron specification and axonal projection into the spinal cord.](#)  
Zou M, Li S, Klein WH, Xiang M. Dev Biol. 2012 Apr 15;364(2):114-27. Epub 2012 Feb 3.
- [Runx3 is required for the specification of TrkC-expressing mechanoreceptive trigeminal ganglion neurons.](#)  
Senzaki K, Ozaki S, Yoshikawa M, Ito Y, Shiga T. Mol Cell Neurosci. 2009 Dec 23. [Epub ahead of print]

### Application Image

Western Blot (Cell lysate)



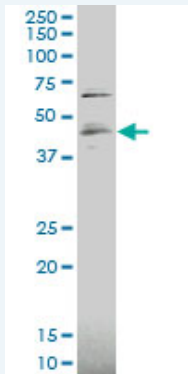
Western Blot (Recombinant protein)

ELISA

4. Expression of Sema3D in subsets of neurons in the developing dorsal root ganglia of the rat.  
Takahashi K, Ishida M, Takahashi H. *Neurosci Lett.* 2009 May 8;455(1):17-21. Epub 2009 Mar 20.
5. Dynamic regulation of the expression of neurotrophin receptors by Runx3.  
Nakamura S, Senzaki K, Yoshikawa M, Nishimura M, Inoue K, Ito Y, Ozaki S, Shiga T. *Development.* 2008 May;135(9):1703-11. Epub 2008 Apr 2.

## Applications

### Western Blot (Cell lysate)



RUNX3 polyclonal antibody (A01), Lot # 070226JCSa Western Blot analysis of RUNX3 expression in HepG2 ( Cat # L019V1 ).

 [Protocol Download](#)

### Western Blot (Recombinant protein)

 [Protocol Download](#)

## ELISA

## Gene Information

Entrez GeneID: [864](#)

GeneBank [NM\\_004350](#)  
Accession#:

Protein [NP\\_004341](#)  
Accession#:

Gene Name: RUNX3

Gene Alias: AML2,CBFA3,FLJ34510,MGC16070,PEBP2aC

Gene Description: runt-related transcription factor 3

Omim ID: [600210](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene encodes a member of the runt domain-containing family of transcription factors. A heterodimer of this protein and a beta subunit forms a complex that binds to the core DNA sequence 5'-PYGPGGT-3' found in a number of enhancers and promoters, and can either activate or suppress transcription. It also interacts with other transcription factors. It functions as a tumor suppressor, and the gene is frequently deleted or transcriptionally silenced in cancer. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations: OTTHUMP00000003370,OTTHUMP00000003371,PEA2 alpha C,PEBP2 alpha C,acute myeloid leukemia gene 2,core-binding factor, runt domain, alpha subunit 3,polyomavirus enhancer-binding protein 2

### Related Disease

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