



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

# Anti-Bassoon Antibody

Rabbit Anti-Human Bassoon Polyclonal  
Catalog No. SPC-198



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

Bassoon Antibody

### Description

Rabbit Anti-Human Bassoon Polyclonal

### Species Reactivity

Human, Mouse, Rat

### Applications

WB, IHC

### Antibody Dilution

WB (1:1000), IHC (1:400); optimal dilutions for assays should be determined by the user.

### Host Species

Rabbit

### Immunogen Species

Human

### Immunogen

NM\_003458.3 (AA 786-1041) N-terminal his-tagged fusion protein

### Concentration

1 mg/ml

### Conjugates

Alkaline Phosphatase, APC, ATTO 390, ATTO 488, ATTO 565, ATTO 594, ATTO 633, ATTO 655, ATTO 680, ATTO 700, Biotin, FITC, HRP, PE/ATTO 594, PerCP, RPE, Streptavidin, Unconjugated

## Properties

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### Storage Buffer

PBS pH 7.4, 50% glycerol, 0.09% sodium azide

### Storage Temperature

-20°C

### Shipping Temperature

Blue Ice or 4°C

### Purification

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Protein A purified

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### Clonality

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Polyclonal

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### Specificity

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Detects ~420kDa. Multiple isoforms can be detected.

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### Cite This Product

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Rabbit Anti-Human Bassoon Polyclonal (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SPC-198)

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### Certificate Of Analysis

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1 µg/ml of SPC-198 was sufficient for detection of Bassoon in 10 µg of rat brain tissue lysate by colorimetric immunoblot analysis using goat ant rabbit IgG:HRP as the secondary antibody.

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## Biological Description

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### Alternative Names

BSN Antibody, ZNF231 Antibody, Neuronal double zinc finger protein Antibody

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### Research Areas

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Cell Structure, Neuroscience, Pre-Synaptic Markers

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### Cellular Localization

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Cytoplasm, Cell Junction, Synapse

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### Accession Number

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NP\_003449.2

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### Gene ID

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8927

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### Swiss Prot

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Q9UPA5

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### Scientific Background

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Bassoon is a 420 kDa protein that is localized at the presynaptic nerve terminals and is believed to play a role in the structural and functional organization of the synaptic vesicle cycle. Bassoon is predicted to contain two double-zinc fingers, three coiled-coil regions, and two polyglutamine domains. The polyglutamine domains in the C-terminus are of interest, since it is known that for some human proteins, such as Huntington, abnormal amplification of this region can cause late-onset neurodegeneration. Bassoon is concentrated at sites opposite to postsynaptic densities in synaptic terminals and in cultured neurons, it is found to co-localize with GABA (A) and glutamate (GluR1) receptors (1).

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### References

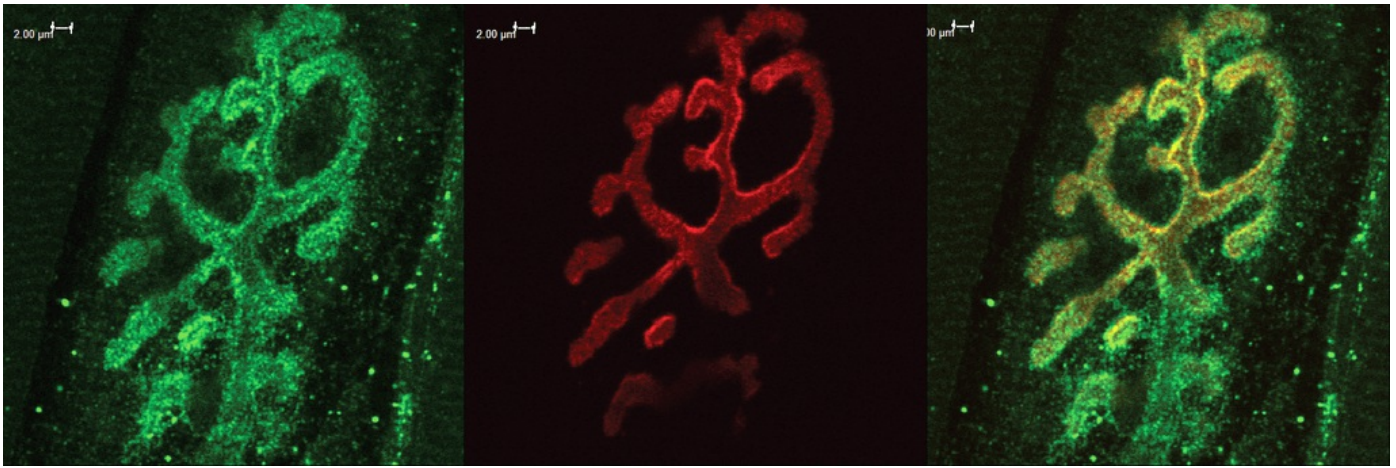
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1. Anna Dondzillo et al., (2010) J. Comp Neur, 518(7): 1008-1029.

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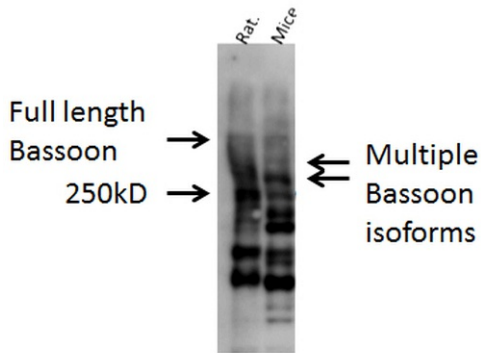
## Product Images

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Immunohistochemistry analysis using Rabbit Anti-Bassoon Polyclonal Antibody (SPC-198). Tissue: Muscle. Species: Mouse. Primary Antibody: Rabbit Anti-Bassoon Polyclonal Antibody (SPC-198) at 1:400. Secondary Antibody: Alexa Fluor 488 Goat Anti-Rabbit. Counterstain: BTX (red). Localization: Selective staining of the NMJ.

Western blot analysis of Mouse, Rat brain cell lysates showing detection of Bassoon protein using Rabbit Anti-Bassoon Polyclonal Antibody (SPC-198). Primary Antibody: Rabbit Anti-Bassoon Polyclonal Antibody (SPC-198) at 1:1000.



## Product Citations (0)

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Currently there are no citations for this product.

## Reviews

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There are no reviews yet.