

Bovine Serum Albumin (nitrated ) ab131379

2 Images

Description	
Product name	Bovine Serum Albumin (nitrated )
Purity	> 96 % SDS-PAGE.
Expression system	Native
Accession	<u>P02769</u>
Protein length	Full length protein
Animal free	No
Nature	Native
Species	Cow
Sequence	MKWVTFISLLLLFSSAYSRGVFRDTHKSEIAHRFKDLGEE HFKGLVLIA FSQYLQQCPFDEHVKLVNELTEFAKTCVADESHAGCEKS LHTLFGDELCK VASLRETYGDMADCCEKQEPERNECFLSHKDDSPDLPK LKPDPTLCDEF KADEKKFWGKYLEIARRHPYFYAPELLYANKYNGVFQE CCQAEDKGAC LLPKIETMREKVLASSARQRLRCASIQKFGERALKAWSVA RLSQKFPKAE FVEVTKLVTDLTKVHKECCHGDLLECADDRADLAKYICDN QDTISSKLKE CCDKPLLEKSHCIAEVEKDAIPENLPPLTADFAEDKDVK NYQEAKDAFL GSFLYEYSRRHPEYAVSVLLRLAKEYEATLEECCAADDPH ACYSTVFDKL KHLVDEPQNLIKQNCQFEKLGEYGFQNALMRYTRKVPQ VSTPTLVEVS RSLGKVGTRCCTKPESERMPCTEDYLSLILNRLCVLHEKT PVSEKVTKCC TESLVNRRPCFSALTPDETYVPKAFDEKLTFHADICTLPD TEKQIKKQT ALVELLKHKPKATEEQLKTMENFVAFVDKCCAADDKEA CFAVEGPKLVV STQTALA
Predicted molecular weight	69 kDa

## Specifications

Our **Abpromise guarantee** covers the use of **ab131379** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

### Applications

SDS-PAGE

Western blot

### Form

Liquid

### Additional notes

ab131379 was treated with peroxynitrite which modifies tyrosine by acting as an oxidant to produce 3-nitrotyrosine along the length of the Bovine Serum Albumin protein.

Product was previously marketed under the MitoSciences sub-brand.

## Preparation and Storage

### Stability and Storage

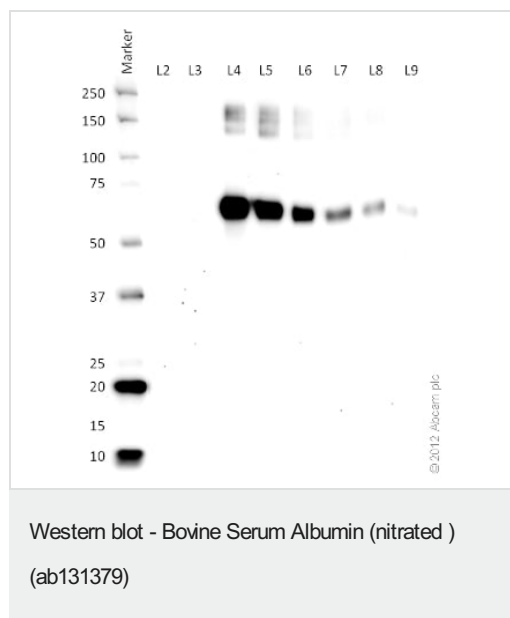
Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 7.5

Constituents: 0.61% Tris HCl, 15% Glycerol (glycerin, glycerine), 0.87% Sodium chloride

## General Info

## Images



All lanes: Anti-Nitrotyrosine antibody (**ab110282**) 0.4 µg/mL.

**Lane 1:** Molecular weight marker

**Lane 2:** BSA 100 ng

**Lane 3:** BSA 25 ng

**Lane 4:** Nitrated BSA 100 ng

**Lane 5:** Nitrated BSA 50 ng

**Lane 6:** Nitrated BSA 25 ng

**Lane 7:** Nitrated BSA 12.5 ng

**Lane 8:** Nitrated BSA 6.25 ng

**Lane 9:** Nitrated BSA 3.125 ng

### Secondary antibody:

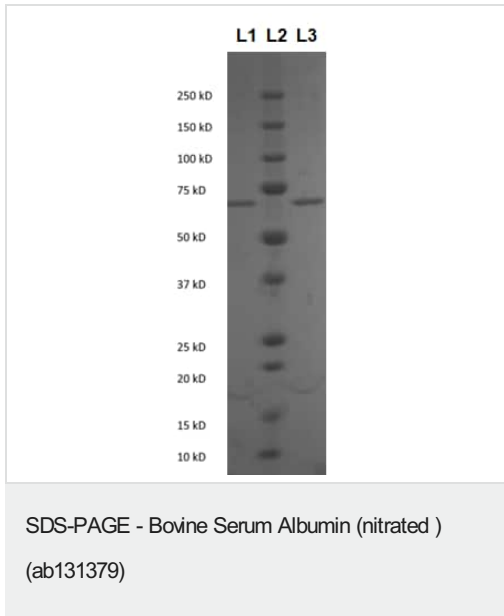
Goat polyclonal to Mouse IgG – Pre-Adsorbed (HRP) at 1/6000 developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 69,293 Da

**Observed band size:** 69 kDa

**Exposure time:** 5 minutes



**Lane 1:** Nitrated Bovine Serum Albumin protein (50 ng)

**Lane 2:** Molecular weight marker

**Lane 3:** Bovine Serum Albumin protein (50 ng)

**Gel:** 4-20% acrylamide separation gel

**Predicted band size:** 69 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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