

## Product datasheet

# Natural Dog Canine Albumin protein ab119814

### Overview

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<b>Product name</b>	Natural Dog Canine Albumin protein
<b>Protein length</b>	Full length protein

### Description

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<b>Nature</b>	Native
<b>Source</b>	Native

### Amino Acid Sequence

<b>Accession</b>	<a href="#">P49822</a>
<b>Species</b>	Dog
<b>Molecular weight</b>	69 kDa
<b>Amino acids</b>	25 to 608
<b>Additional sequence information</b>	Source = US origin dog plasma

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab119814** in the following tested applications.

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

<b>Applications</b>	SDS-PAGE
<b>Purity</b>	> 95 % SDS-PAGE. purified by proprietary fractionation methods
<b>Form</b>	Lyophilised

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Store at -80°C.
<b>Reconstitution</b>	Add deionized water or buffer to original or desired volume. The volume was 10 ml before lyophilization.

### General Info

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**Relevance**

Albumin is a soluble, monomeric protein which comprises about one-half of the blood serum protein. Albumin functions primarily as a carrier protein for steroids, fatty acids, and thyroid hormones and plays a role in stabilizing extracellular fluid volume. Albumin is synthesized in the liver as preproalbumin which has an N-terminal peptide that is removed before the nascent protein is released from the rough endoplasmic reticulum. The product, proalbumin, is in turn cleaved in the Golgi vesicles to produce the secreted albumin.

**Cellular localization**

Secreted

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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- We provide support in Chinese, English, French, German, Japanese and Spanish
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