

Product datasheet

Natural Dog Canine Albumin protein ab119814

Overview

Product name	Natural Dog Canine Albumin protein
Protein length	Full length protein

Description

Nature	Native
Source	Native

Amino Acid Sequence

Accession	P49822
Species	Dog
Molecular weight	69 kDa
Amino acids	25 to 608
Additional sequence information	Source = US origin dog plasma

Specifications

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.

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

Preparation and Storage

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

General Info

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"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors