

## Product datasheet

# Anti-Albumin antibody (HRP) ab112984

### Overview

<b>Product name</b>	Anti-Albumin antibody (HRP)
<b>Description</b>	Sheep polyclonal to Albumin (HRP)
<b>Host species</b>	Sheep
<b>Conjugation</b>	HRP
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Cow <b>Does not react with:</b> Mouse, Human, Pig
<b>Immunogen</b>	The details of the immunogen for this antibody are not available.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	Preservative: 0.1% Proclin Constituent: 99% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	Antiserum was cross adsorbed using Human, Mouse and Pig immunosorbents to remove cross reactive antibodies. ab112984 was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to horseradish peroxidase (HRP).
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab112984** in the following tested applications.

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

Application	Abreviews	Notes
WB		1/500 - 1/15000. Predicted molecular weight: 69 kDa. Colorimetric: Use 1/500-1/5000 dilution; Chemiluminescent: Use 1/500-1/15000 dilution.

Application	Abreviews	Notes
ELISA		1/10000 - 1/50000.
IHC-P		1/100 - 1/250.

## Target

<b>Function</b>	Serum albumin, the main protein of plasma, has a good binding capacity for water, Ca(2+), Na(+), K(+), fatty acids, hormones, bilirubin and drugs. Its main function is the regulation of the colloidal osmotic pressure of blood. Major zinc transporter in plasma, typically binds about 80% of all plasma zinc.
<b>Tissue specificity</b>	Plasma.
<b>Involvement in disease</b>	Defects in ALB are a cause of familial dysalbuminemic hyperthyroxinemia (FDH) [MIM:103600]. FDH is a form of euthyroid hyperthyroxinemia that is due to increased affinity of ALB for T(4). It is the most common cause of inherited euthyroid hyperthyroxinemia in Caucasian population.
<b>Sequence similarities</b>	Belongs to the ALB/AFP/VDB family. Contains 3 albumin domains.
<b>Post-translational modifications</b>	Kenitra variant is partially O-glycosylated at Thr-620. It has two new disulfide bonds Cys-600 to Cys-602 and Cys-601 to Cys-606. Glycated in diabetic patients. Phosphorylation sites are present in the extracellular medium. Acetylated on Lys-223 by acetylsalicylic acid.
<b>Cellular localization</b>	Secreted.
<b>Form</b>	There are 2 isoforms produced by alternative splicing.

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