

## ALB Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP14175
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the C-terminal region of human ALB. AA range:511-560
<b>Mol wt</b>	69367
<b>Species reactivity</b>	Human, Rat, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	ALB
<b>Synonyms</b>	ALB; Serum albumin

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

This gene encodes the most abundant protein in human blood. This protein functions in the regulation of blood plasma colloid osmotic pressure and acts as a carrier protein for a wide range of endogenous molecules including hormones, fatty acids, and metabolites, as well as exogenous drugs. Additionally, this protein exhibits an esterase-like activity with broad substrate specificity. The encoded preproprotein is proteolytically processed to generate the mature protein. A peptide derived from this protein, EPI-X4, is an endogenous inhibitor of the CXCR4 chemokine receptor.

### Recommended Dilution

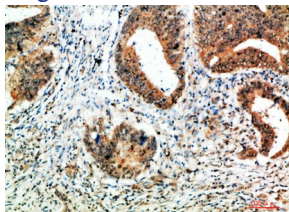
WB: 1: 500 - 1: 2000

IHC-p: 100 - 1: 300

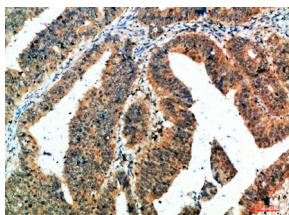
ELISA: 1: 10000 - 1: 20000

Not yet tested in other applications.

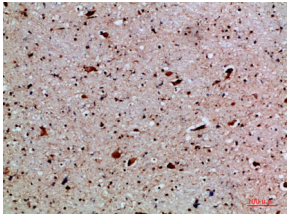
### Images



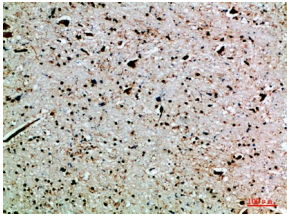
Immunohistochemical analysis of paraffin-embedded human-colon-cancer, antibody was diluted at 1:200



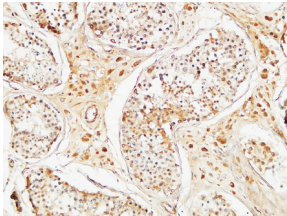
Immunohistochemical analysis of paraffin-embedded Human kidney. 1, Antibody was diluted at 1:200(4°C overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



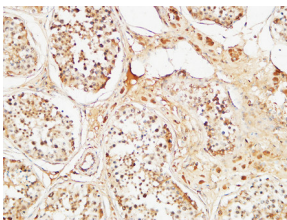
Immunohistochemical analysis of paraffin-embedded human-colon-cancer, antibody was diluted at 1:200



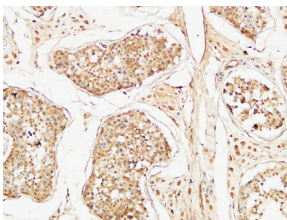
Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200



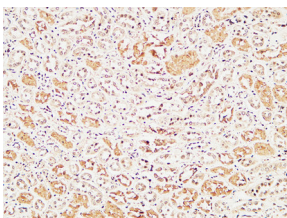
Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200



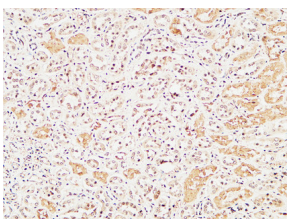
Immunohistochemical analysis of paraffin-embedded Human testis. 1, Antibody was diluted at 1:200(4°C overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



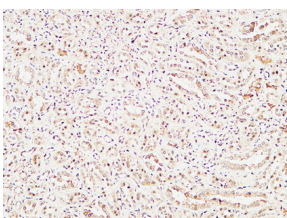
Immunohistochemical analysis of paraffin-embedded Human testis. 1, Antibody was diluted at 1:200(4°C overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



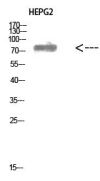
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Western Blot analysis of HEPG2 cells using ALB Polyclonal Antibody diluted at 1:500. Secondary antibody was diluted at 1:20000

### Storage

-20°C for 1 year

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