

RBP4 Antibody (aa19-201, clone AT2B4)
Mouse Monoclonal Antibody
Catalog # ALS12637**Specification**

RBP4 Antibody (aa19-201, clone AT2B4) - Product Information

Application	IHC
Primary Accession	P02753
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	23kDa KDa

RBP4 Antibody (aa19-201, clone AT2B4) - Additional Information**Gene ID** 5950**Other Names**

Retinol-binding protein 4, Plasma retinol-binding protein, PRBP, RBP, Plasma retinol-binding protein(1-182), Plasma retinol-binding protein(1-181), Plasma retinol-binding protein(1-179), Plasma retinol-binding protein(1-176), RBP4

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

RBP4 Antibody (aa19-201, clone AT2B4) is for research use only and not for use in diagnostic or therapeutic procedures.

RBP4 Antibody (aa19-201, clone AT2B4) - Protein Information**Name** RBP4**Function**

Retinol-binding protein that mediates retinol transport in blood plasma (PubMed:5541771). Delivers retinol from the liver stores to the peripheral tissues (Probable). Transfers the bound all-trans retinol to STRA6, that then facilitates retinol transport across the cell membrane (PubMed:22665496).

Cellular Location

Secreted

Tissue Location

Detected in blood plasma and in urine (at protein level).

Volume

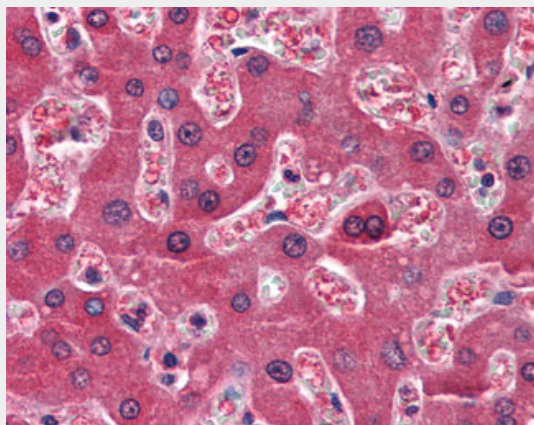
50 µl

RBP4 Antibody (aa19-201, clone AT2B4) - Protocols

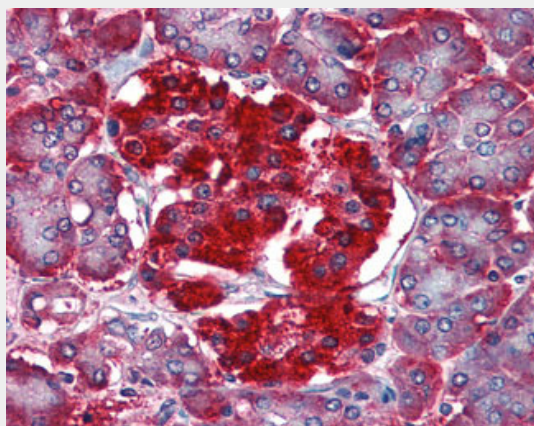
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RBP4 Antibody (aa19-201, clone AT2B4) - Images



Anti-RBP4 antibody IHC of human liver.



Anti-RBP4 antibody IHC of human pancreas.

RBP4 Antibody (aa19-201, clone AT2B4) - Background

Delivers retinol from the liver stores to the peripheral tissues. In plasma, the RBP-retinol complex interacts with transthyretin, this prevents its loss by filtration through the kidney glomeruli.

RBP4 Antibody (aa19-201, clone AT2B4) - References

Colantuoni V., et al. Nucleic Acids Res. 11:7769-7776(1983).

Deloukas P.,et al.Nature 429:375-381(2004).

Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

D'Onofrio C.,et al.EMBO J. 4:1981-1989(1985).

Rask L.,et al.Ups. J. Med. Sci. 92:115-146(1987).