

ATRN / Attractin Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS10964**Specification**

ATRN / Attractin Antibody (Internal) - Product Information

Application	IHC
Primary Accession	O75882
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	159kDa KDa

ATRN / Attractin Antibody (Internal) - Additional Information**Gene ID** 8455**Other Names**

Attractin, DPPT-L, Mahogany homolog, ATRN, KIAA0548, MGCA

Target/Specificity

Human ATRN / Attractin. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

ATRN / Attractin Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

ATRN / Attractin Antibody (Internal) - Protein Information**Name** ATRN**Synonyms** KIAA0548, MGCA**Function**

Involved in the initial immune cell clustering during inflammatory response and may regulate chemotactic activity of chemokines. May play a role in melanocortin signaling pathways that regulate energy homeostasis and hair color. Low-affinity receptor for agouti (By similarity). Has a critical role in normal myelination in the central nervous system (By similarity).

Cellular Location

[Isoform 1]: Cell membrane; Single-pass type I membrane protein [Isoform 3]: Secreted

Tissue Location

Isoform 2 is detected in plasma (at protein level). Expressed and secreted by activated

T-lymphocytes. Expressed at low to moderate levels in peripheral blood leukocytes, spleen, lymph node, tonsil, bone marrow and fetal liver. At very low levels found in thymus. Isoform 2 is the major isoform in peripheral blood leukocytes

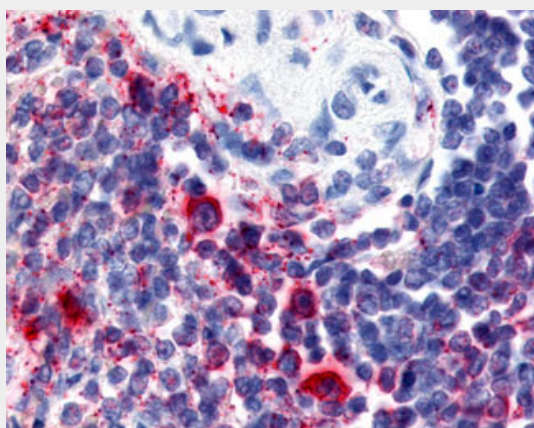
Volume
50 µl

ATRN / Attractin Antibody (Internal) - 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](#)

ATRN / Attractin Antibody (Internal) - Images



Anti-ATRN / Attractin antibody ALS10964 IHC of human spleen.

ATRN / Attractin Antibody (Internal) - Background

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ATRN / Attractin Antibody (Internal) - References

Tang W.,et al.Proc. Natl. Acad. Sci. U.S.A. 97:6025-6030(2000).
Duke-Cohan J.S.,et al.Submitted (NOV-1998) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Deloukas P.,et al.Nature 414:865-871(2001).
Duke-Cohan J.S.,et al.J. Biol. Chem. 270:14107-14114(1995).