

**ATRN / Attractin Antibody (Internal)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS10970****Specification**

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**ATRN / Attractin Antibody (Internal) - Product Information**

Application	IHC
Primary Accession	<a href="#">O75882</a>
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, except KCTD19 (50%).

**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

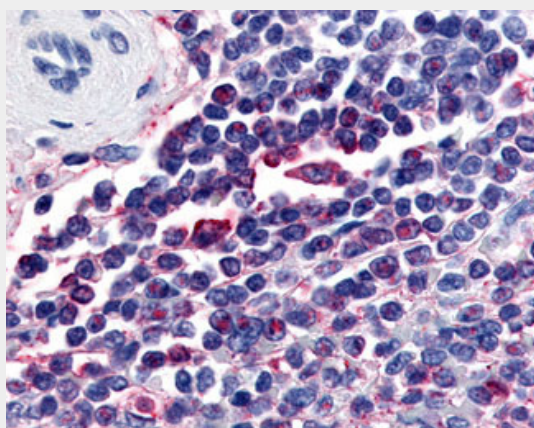
**Volume**  
50 µl

#### **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 ALS10970 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).