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ATRN Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20826a

Product Information

Application	WB, E
Primary Accession	O75882
Reactivity	Human
Predicted	Bovine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB48734
Calculated MW	158537

Additional Information

Gene ID	8455
Other Names	Attractin, DPPT-L, Mahogany homolog, ATRN, KIAA0548, MGCA
Target/Specificity	This ATRN antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 32-66 amino acids from the N-terminal region of human ATRN.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ATRN Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

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

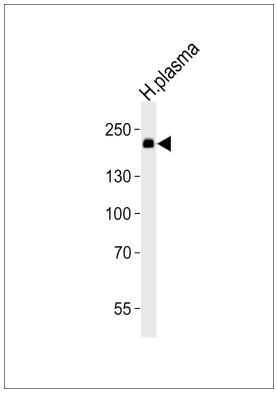
Background

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).

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).

Images



Western blot analysis of lysate from human plasma tissue lysate, using ATRN Antibody (N-term)(Cat. #AP20826a). AP20826a was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 35ug.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.