



ATRN Polyclonal Antibody

Catalog No	YP-Ab-06710
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	ATRN KIAA0548 MGCA
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	ATRN Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ATRN;ATRN KIAA0548 MGCA;Attractin (DPPT-L) (Mahogany homolog)
Observed Band	157kD
Calculated Molecular Weight	157kD
Cell Pathway	[Isoform 1]: Cell membrane ; Single-pass type I membrane protein .; [Isoform 2]: Secreted .; [Isoform 3]: Secreted .
Tissue Specificity	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.
Function	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.,induction:Activation of peripheral blood leukocytes with phytohemagglutinin induces strong expression of the membrane isoform followed by the release of the secreted isoform.,online information:Attractin-2,similarity:Contains 1 C-type lectin domain.,

similarity:Contains 1 CUB domain.,similarity:Contains 1 EGF-like domain.,
similarity:Contains 2 laminin EGF-like domains.,similarity:Contains 6 Kelch
repeats.,tissue specificity:Expressed and secreted by activated T lymphocytes.
Expressed at low to moderate levels in peripheral blood leuko

Background

attractin(ATRN) Homo sapiens This gene encodes both membrane-bound and secreted protein isoforms. A membrane-bound isoform exhibits sequence similarity with the mouse mahogany protein, a receptor involved in controlling obesity. A secreted isoform is involved in the initial immune cell clustering during inflammatory responses that may regulate the chemotactic activity of chemokines. [provided by RefSeq, Apr 2016],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images