



# ATRN Polyclonal Antibody

<b>Catalog No</b>	BYab-06710
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	ATRN KIAA0548 MGCA
<b>Protein Name</b>	Attractin (DPPT-L) (Mahogany homolog)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	ATRN Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	157kD
<b>Cell Pathway</b>	[Isoform 1]: Cell membrane ; Single-pass type I membrane protein .; [Isoform 2]: Secreted .; [Isoform 3]: Secreted .
<b>Tissue Specificity</b>	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.
<b>Function</b>	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

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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**