

# SEMA7A Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AW5121

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">O75326</a>
<b>Other Accession</b>	<a href="#">Q9QUR8</a>
<b>Reactivity</b>	Mouse, Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	75 KDa
<b>Isotype</b>	Rabbit IgG
<b>Antigen Source</b>	Human

## Additional Information

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<b>Antigen Region</b>	178-202
<b>Other Names</b>	SEMA7A;CD108; SEMAL; Semaphorin-7A; Semaphorin-7A; CDw108; Semaphorin-7A; JMH blood group antigen; Semaphorin-7A; John-Milton-Hargen human blood group Ag; Semaphorin-7A; Semaphorin-K1; Semaphorin-7A; Semaphorin-L; Semaphorin-7A; CD_antigen=CD108; Flags: Precursor
<b>Dilution</b>	WB~~1:1000
<b>Target/Specificity</b>	This SEMA7A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 178-202 amino acids from the N-terminal region of human SEMA7A.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	SEMA7A Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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## Background

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Plays an important role in integrin-mediated signaling and functions both in regulating cell migration and immune responses. Promotes formation of focal adhesion complexes, activation of the protein kinase PTK2/FAK1 and subsequent phosphorylation of MAPK1 and MAPK3. Promotes production of proinflammatory cytokines by monocytes and macrophages. Plays an important role in modulating inflammation and T-cell-mediated immune responses. Promotes axon growth in the embryonic olfactory bulb. Promotes attachment, spreading and dendrite outgrowth in melanocytes.

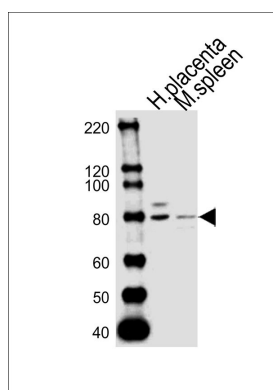
## References

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Yamada A., et al. J. Immunol. 162:4094-4100(1999).  
Xu X., et al. J. Biol. Chem. 273:22428-22434(1998).  
Seltsam A., et al. Transfusion 47:133-146(2007).  
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## Images

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Western blot analysis of lysates from human placenta, mouse spleen tissue lysate (from left to right), using SEMA7A Antibody (N-term)(Cat. #AW5121). AW5121 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.

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