



Datasheet for ABIN317578  
**anti-SERPINA12 antibody (AA 21-414)**



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2 Images

Overview

Quantity:	0.1 mL
Target:	SERPINA12
Binding Specificity:	AA 21-414
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SERPINA12 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Recombinant human Vaspin (21-414 aa) purified from E. coli
Clone:	1C4
Isotype:	IgG1
Specificity:	The antibody recognizes human and rat Vaspin. Other species not tested.
Characteristics:	Synonyms: Serpin A12, Vaspin, OL-64, Visceral adipose tissue-derived serine protease inhibitor, Visceral adipose-specific serpin
Purification:	Protein-G affinity chromatography

Target Details

Target:	SERPINA12
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## Target Details

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Alternative Name: SERPINA12 ([SERPINA12 Products](#))

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Background: Vaspin (visceral adipose-specific SERPIN), a newly identified adipokine, which is a member of serine protease inhibitor family. Vaspin is also a unique insulin sensitizing adipocytokine in obesity. A recent publication indicates that induction of human vaspin mRNA expression in adipose tissue is regulated in a fat depot-specific manner and could be associated with parameters of obesity, insulin resistance, and glucose metabolism. Synonyms: OL-64, Serpin A12, Vaspin, Visceral adipose tissue-derived serine protease inhibitor, Visceral adipose-specific serpin

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Gene ID: 145264

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UniProt: [Q8IW75](#)

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## Application Details

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Application Notes: ELISA. Western blot (1: 1,000 - 1: 3,000), recommended starting dilution is 1: 2000.  
Other applications not tested.  
Optimal dilutions are dependent on conditions and should be determined by the user.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1.0 mg/mL

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Buffer: PBS, pH 7.4, containing 0.09 % sodium azide

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Preservative: Sodium azide

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Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C/-20 °C

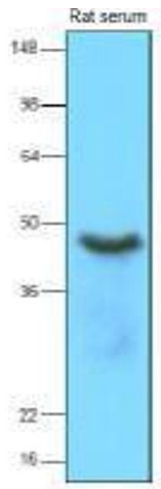
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Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.  
Shelf life: one year from despatch.

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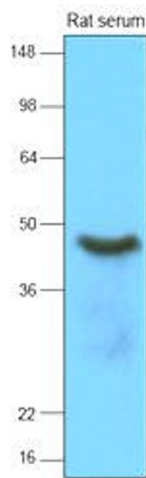
Expiry Date: 12 months

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### Western Blotting

Image 1.



### Western Blotting

Image 2.