

Product datasheet for **AM10019PU-N**

SERPINA12 Mouse Monoclonal Antibody [Clone ID: 1C4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1C4
Applications:	ELISA, WB
Recommended Dilution:	ELISA. Western blot (1:1,000 - 1:3,000), recommended starting dilution is 1:2000.
Reactivity:	Human, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant human Vaspin (21-414 aa) purified from E. coli
Specificity:	The antibody recognizes human and rat Vaspin. Other species not tested.
Formulation:	PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein-G affinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	serpin family A member 12
Database Link:	Entrez Gene 145264 Human Q8IW75



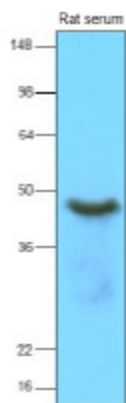
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Background:

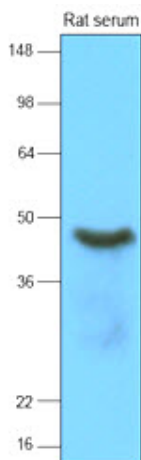
Vaspin (visceral adipose-specific SERPIN), a newly identified adipokine, which is a member of serine protease inhibitor family. Vaspin is also a unique insulin sensitizing adipocytokine in obesity. A recent publication indicates that induction of human vaspin mRNA expression in adipose tissue is regulated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

Synonyms:

Serpin A12, Vaspin, OL-64

Product images:

Rat serum (15ug) was resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human Vaspin (1:2000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



Western blot analysis: Rat serum (15 ug) was resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human Vaspin (1:2000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.