ARG66118
anti-SERPINA12 / Vaspin antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes SERPINA12 / Vaspin
Tested Reactivity	Hu
Tested Application	ELISA
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SERPINA12 / Vaspin
Species	Human
Immunogen	E. coli derived recombinant Human SERPINA12 / Vaspin. (MLKPSFSPRN YKALSEVQGW KQRMAAKELA RQNMDLGFKL LKKLAFYNPG RNIFLSPLSI STAFSMLCLG AQDSTLDEIK QGFNFRKMPE KDLHEGFHYI IHELTQKTQD LKLSIGNTLF IDQRLQPQRK FLEDAKNFYS AETILTNFQN LEMAQKQIND FISQKTHGKI NNLIENIDPG TVMLLANYIF FRARWKHEFD PNVTKEEDFF LEKNSSVKVP MMFRSGIYQV GYDDKLSCTI LEIPYQKNIT AIFILPDEGK LKHLEKGLQV DTFSRWKTLL SRRVVDVSVP RLHMTGTFDL KKTLSYIGVS KIFEEHGDLT KIAPHRSLKV GEAVHKAELK MDERGTEGAA GTGAQTLPME TPLVVKIDKP YLLLIYSEKI PSVLFLGKIV NPIGK)
Conjugation	Un-conjugated
Alternate Names	Vaspin; Visceral adipose tissue-derived serine protease inhibitor; Visceral adipose-specific serpin; OL-64; Serpin A12

Application Instructions

Application table

Application	Dilution
ELISA	Sandwich: 0.5 - 2.0 µg/ml with ARG66119 as a detection antibody

Application Note

* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

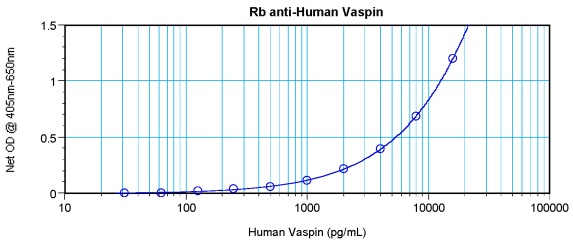
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 145264 Human
	Swiss-port # Q8IW75 Human
Gene Symbol	SERPINA12
Gene Full Name	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 12
Function	Adipokine that modulates insulin action by specifically inhibiting its target protease KLK7 in white adipose tissues. [UniProt]
Calculated Mw	47 kDa

Images



ARG66118 anti-SERPINA12 / Vaspin antibody standard curve image

Sandwich ELISA: ARG66118 anti-SERPINA12 / Vaspin antibody as a capture antibody at 0.5 - 2.0 µg/ml combined with ARG66119 anti-SERPINA12 / Vaspin antibody (Biotin) as a detection antibody. Results of a typical standard run with optical density reading at 405 - 650 nm.