



Vaspin Antibody [VP63]

CATALOG NUMBER: 36-047

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: (direct or indirect: 1:2,000-1:5,000). Western blot: (1:2,000-1:5,000 using ECL. Suggested blocking and dilution buffer is PBST with 0.05% Tween 20 and 5% skim milk. Suggested incubation time is 1 hour at room temperature). Optimal conditions should be determined individually for each application.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
SPECIFICITY:	Recognizes human vaspin. Detects a band of ~48kDa by Western blot.
IMMUNOGEN:	Recombinant human vaspin.
HOST SPECIES:	Mouse

Properties

PHYSICAL STATE:	Liquid
BUFFER:	Liquid. 0.2um-filtered solution in PBS, pH 7.4. Contains no preservatives.
CONCENTRATION:	1 mg/ml
STORAGE CONDITIONS:	Stable for at least 1 year after receipt when stored at -20°C.
CLONALITY:	Monoclonal
ISOTYPE:	IgG1, kappa
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	Visceral Adipose Tissue-derived Serine Protease Inhibitor; Serpin A12; OL-64
ACCESSION NO.:	NP_776249.1
PROTEIN GI NO.:	27777657
OFFICIAL SYMBOL:	SERPINA12
GENE ID:	145264

Background

BACKGROUND:	Vaspin (Visceral adipose tissue-derived serpin; Serpin A12), a serine protease inhibitor (serpin), is an insulin-sensitizing adipocytokine that has been isolated from both visceral and subcutaneous white adipose tissue. Based on recent findings, vaspin is suggested to regulate immune responses and inflammation and was found to be correlated with various metabolic parameters. Vaspin may represent a novel biomarker for obesity and impaired insulin sensitivity and might serve as a new therapeutic target of metabolic syndrome.
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