

Goat Anti-SERPINA12 Antibody

Peptide-affinity purified goat antibody Catalog # AF1978a

Specification

Goat Anti-SERPINA12 Antibody - Product Information

Application WB, E
Primary Accession OSIW75

Other Accession <u>NP_776249</u>, <u>145264</u>

Reactivity
Host
Clonality
Polyclonal
Concentration
Concent

Isotype IgG
Calculated MW 47175

Goat Anti-SERPINA12 Antibody - Additional Information

Gene ID 145264

Other Names

Serpin A12, OL-64, Visceral adipose tissue-derived serine protease inhibitor, Vaspin, Visceral adipose-specific serpin, SERPINA12

Dilution

WB~~1:1000 E~~N/A

Format

0.5~mg lgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-SERPINA12 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-SERPINA12 Antibody - Protein Information

Name SERPINA12

Function

Adipokine that modulates insulin action by specifically inhibiting its target protease KLK7 in white adipose tissues.



Cellular Location Secreted.

Tissue Location

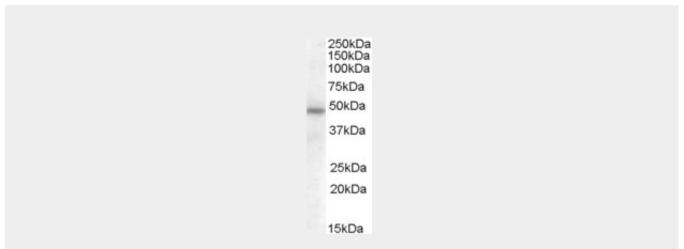
Expressed in visceral adipose tissues.

Goat Anti-SERPINA12 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Goat Anti-SERPINA12 Antibody - Images



AF1978a (0.5 μ g/ml) staining of Human Adipose lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-SERPINA12 Antibody - References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.

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Circadian rhythm of serum vaspin in healthy male volunteers: relation to meals. Jeong E, et al. J Clin Endocrinol Metab, 2010 Apr. PMID 20156923.

Serum chemerin and vaspin in non-alcoholic fatty liver disease. Kukla M, et al. Scand J Gastroenterol, 2010. PMID 20095887.

Association between serum vaspin concentrations and visceral adipose tissue in Korean subjects. Chang HM, et al. Metabolism, 2010 Sep. PMID 20060144.