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anti-LPA antibody (AA 4330-4521)

Images

Publications



Overview

Quantity:	0.1 mg
Target:	LPA (APOA)
Binding Specificity:	AA 4330-4521
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LPA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human LPA (AA: 4330-4521) expressed in E. coli.,
Clone:	4H1
Isotype:	lgG1
Purification:	purified

Target Details

Target:	LPA (APOA)
Alternative Name:	LPA (APOA Products)
Background:	Description: The protein encoded by this gene is a serine proteinase that inhibits the activity of
	tissue-type plasminogen activator I. The encoded protein constitutes a substantial portion of

lipoprotein(a) and is proteolytically cleaved, resulting in fragments that attach to atherosclerotic)
lesions and promote thrombogenesis. Elevated plasma levels of this protein are linked to	
atherosclerosis. Depending on the individual, the encoded protein contains 2-43 copies of	
kringle-type domains. The allele represented here contains 15 copies of the kringle-type repeats	
and corresponds to that found in the reference genome sequence.	
Aliases: LP, AK38, APOA	

Molecular Weight:	501 kDa
Gene ID:	4018
HGNC:	4018

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage

Publications

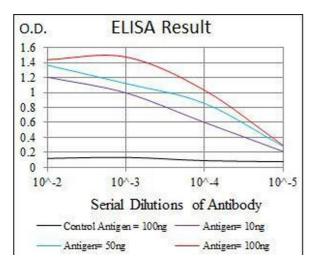
Product cited in:

Mishra, Thakur, Somal, Parmar, Yadav, Bharati, Bharti, Paul, Verma, Chouhan, Sharma, Singh, González, DOcchio, Sarkar et al.: "Expression and localization of angiopoietin family in buffalo ovarian follicles during different stages of development and modulatory role of angiopoietins on steroidogenesis and survival of cultured ..." in: **Theriogenology**, Vol. 86, Issue 7, pp. 1818-33, (2016) (PubMed).

Mishra, Parmar, Yadav, Reshma, Bharati, Bharti, Paul, Chouhan, Taru Sharma, Singh, Sarkar et

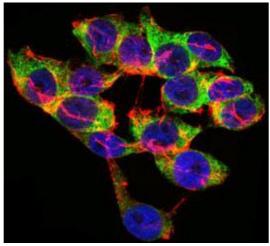
al.: "Expression and localization of angiopoietin family in corpus luteum during different stages of oestrous cycle and modulatory role of angiopoietins on steroidogenesis, angiogenesis and survivability ..." in: **Reproduction in domestic animals = Zuchthygiene**, Vol. 51, Issue 6, pp. 855-869, (2016) (PubMed).

Images



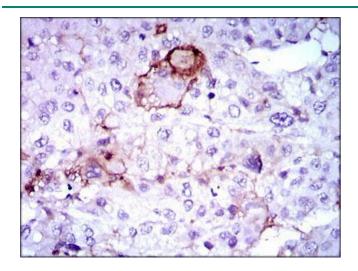
ELISA

Image 1. Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



Immunofluorescence

Image 2. Immunofluorescence analysis of HepG2 cells using LPA mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffinembedded liver cancer tissues using LPA mouse mAb with DAB staining.

Please check the product details page for more images. Overall 6 images are available for ABIN969533.