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Datasheet for ABIN969425

anti-STYK1 antibody

3 Images

1 Publication

Overview

Quantity:	100 µL
Target:	STYK1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This STYK1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Purified recombinant fragment of STYK1 expressed in E. coli.
Clone:	2H2F10
Isotype:	IgG1
Purification:	purified

Target Details

Target:	STYK1
Alternative Name:	STYK1 (STYK1 Products)
Background:	Description: Protein kinases (PKs) represent a well studied but most diverse protein superfamily. The covalent, reversible linkage of phosphate to serine, threonine, and tyrosine residues of substrate proteins by protein kinases is probably ubiquitous cellular mechanism for regulation of physiological processes. It is known to us that most signaling pathways impinge

Target Details

at some point on protein kinases. Here we report a human putative receptor protein kinase cDNA STYK1. The STYK1 cDNA is 2749 base pairs in length and contains an open reading frame encoding 422 amino acids. The STYK1 gene is mapped to human chromosome 12p13 and 11 exons were found. RT-PCR showed that STYK1 is widely expressed in human tissues. Aliases: NOK, SuRTK106, DKFZp761P1010

Gene ID: 55359

HGNC: 55359

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Ascitic fluid containing 0.03 % 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

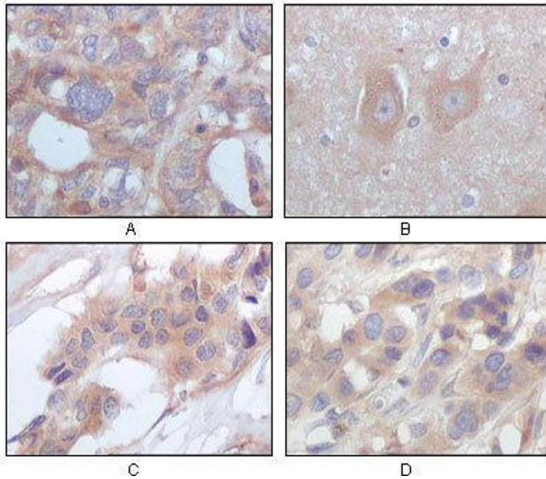
Storage Comment: 4°C, -20°C for long term storage

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](#)).

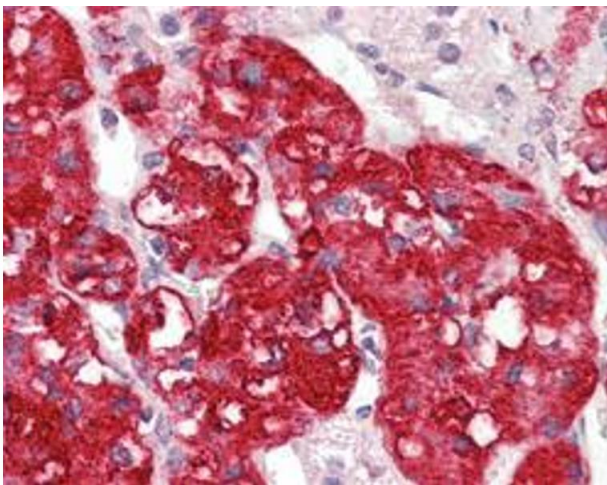
Mishra, Parmar, Yadav, Reshma, Bharati, Bharti, Paul, Chouhan, Taru Sharma, Singh, Sarkar et al.: "Expression and localization of angiopoietin family in corpus luteum during different stages of oestrous cycle and modulatory role of angiopoietins on steroidogenesis, angiogenesis and survivability ..." in: **Reproduction in domestic animals = Zuchthygiene**, Vol. 51, Issue 6, pp. 855-

Images



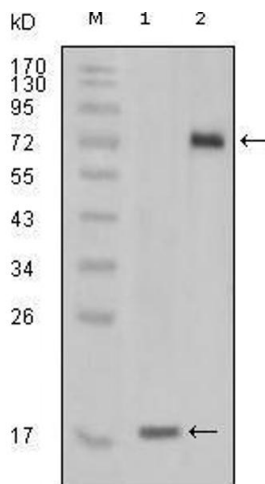
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human ovary carcinoma (A), normal cerebrum tissues (B), breast infiltrating carcinoma (C) and breast infiltrating carcinoma (D), showing cytoplasmic localization using STYK1/NOK mouse mAb with DAB staining.



Immunohistochemistry

Image 2. Immunohistochemical analysis of paraffin-embedded human adrenal tissues using STYK1/NOK mouse mAb with DAB staining.



Western Blotting

Image 3. Western blot analysis using STYK1 mouse mAb against truncated STYK1 recombinant protein(1) and STYK1 (aa47-422)-hlgGfc transfected CHO-K1 cell lysate (2).