

Product datasheet for **AM06201SU-N**

STYK1 Mouse Monoclonal Antibody [Clone ID: 2H2F10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2H2F10
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA: 1/10000. Western Blotting: 1/500 - 1/2000. Immunohistochemistry on Paraffin Sections: 1/200 - 1/1000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of STYK1 expressed in E. Coli.
Specificity:	Recognizes STYK1
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	serine/threonine/tyrosine kinase 1
Database Link:	Entrez Gene 55359 Human Q6J9G0



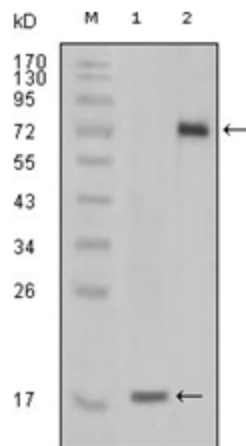
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Background:

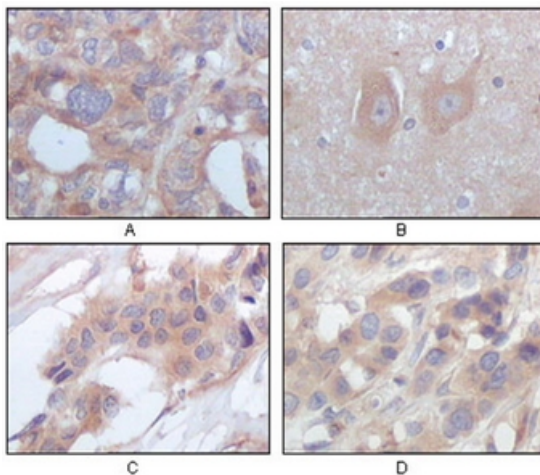
Protein kinases (PKs) represent a well studied but most diverse protein superfamily. The covalent, reversible linkage of phosphate to serine, threonine, and tyrosine residues of substrate proteins by protein kinases is probably ubiquitous cellular mechanism for regulation of physiological processes.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

Synonyms:

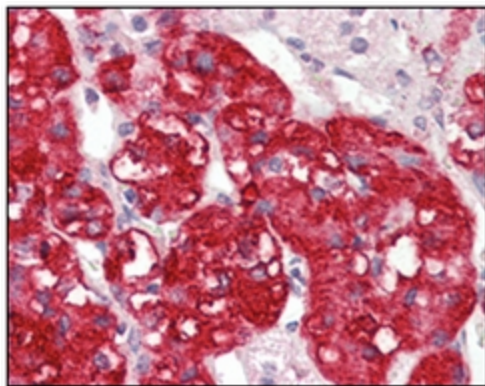
DKFZp761P1010; NOK; SuRTK106

Product images:


Western Blot using STYK1 monoclonal antibody against truncated STYK1-His recombinant protein (Lane 1) and STYK1 (aa 47-422)-hlgGFC transfected CHO-K1 cell lysate.



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 antibody AM06201SU-N with DAB staining.



AM06201SU-N STYK1 antibody staining of Formalin-Fixed, Paraffin-Embedded Human Adrenal followed by biotinylated anti-mouse IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.