BT LAB
Bioassay Technology Laboratory
Optimize Your Research

STK36 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP08659
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human STK36. AA range:387-436
Mol wt	143995
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	STK36 Antibody
Synonyms	STK36; KIAA1278; Serine/threonine-protein kinase 36; Fused homolog

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

STK36 encodes a member of the serine/threonine kinase family of enzymes. This family member is similar to a Drosophila protein that plays a key role in the Hedgehog signaling pathway. This human protein is a positive regulator of the GLI zinc-finger transcription factors. Knockout studies of the homologous mouse gene suggest that defects in this human gene may lead to congenital hydrocephalus, possibly due to a functional defect in motile cilia. Because Hedgehog signaling is frequently activated in certain kinds of gastrointestinal cancers, it has been suggested that STK36 is a target for the treatment of these cancers. Alternative splicing of this gene results in multiple transcript variants.

Recommended Dilution

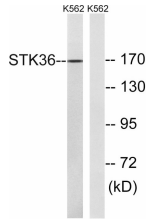
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

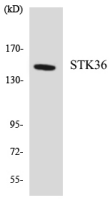
ELISA: 1: 5000

Not yet tested in other applications.

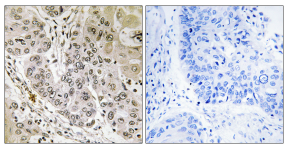
Images



Western blot analysis of lysates from K562 cells, using STK36 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using STK36 antibody.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using STK36 Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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