

Datasheet for ABIN6148614
anti-STK36 antibody (AA 250-450)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	STK36
Binding Specificity:	AA 250-450
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STK36 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 250-450 of human STK36 (NP_056505.2).
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target:	STK36
Alternative Name:	STK36 (STK36 Products)
Background:	This gene encodes a member of the serine/threonine kinase family of enzymes. This family

Target Details

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 this gene is a target for the treatment of these cancers. Alternative splicing of this gene results in multiple transcript variants.,STK36,FU,Cancer,Signal Transduction,Kinase,Cell Biology & Developmental Biology,Cell Cycle,Cell differentiation,STK36

Molecular Weight:	141 kDa/143 kDa
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Gene ID:	27148
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UniProt:	Q9NRP7
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Application Details

Application Notes:	WB,1:500 - 1:2000
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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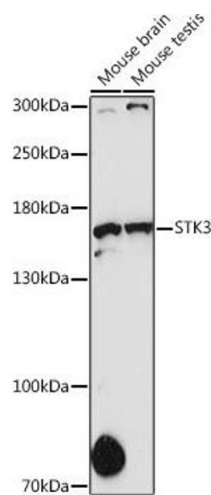
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.
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Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using STK36 antibody (ABIN6135016, ABIN6148614, ABIN6148615 and ABIN7101365) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.