

Datasheet for ABIN5539662  
**anti-KIF5B antibody (C-Term) (Biotin)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	KIF5B
Binding Specificity:	C-Term
Reactivity:	Human, Dog
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This KIF5B antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Purpose:	Kinesin 1 / UKHC, Biotinylated
Sequence:	CQPVAVRGGG GKQV.
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	KIF5B
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## Target Details

Alternative Name:	KIF5B ( <a href="#">KIF5B Products</a> )
Background:	KIF5B, kinesin family member 5B, HEL-S-61, KINH, KNS, KNS1, UKHC, conventional kinesin heavy chain, epididymis secretory protein Li 61, kinesin 1 (110-120kD), kinesin heavy chain, ubiquitous kinesin heavy chain
Gene ID:	3799, 16573, 117550
NCBI Accession:	<a href="#">NP_004512</a>
Pathways:	<a href="#">Peptide Hormone Metabolism</a> , <a href="#">Ribonucleoprotein Complex Subunit Organization</a>

## Application Details

Application Notes:	Western Blot: Approx 120 kDa band observed in lysates of cell line HeLa (calculated MW of 110 kDa according to NP_004512.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:8000.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

**Image 1.** Biotinylated ABIN5539662 (1µg/ml) staining of HeLa lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.