

Product datasheet

Anti-KIF14 antibody ab3747

画像数 3

製品の概要

製品名	Anti-KIF14 antibody
製品の詳細	Rabbit polyclonal to KIF14
由来種	Rabbit
アプリケーション	適用あり: WB, IP, IHC-P, ICC
種交差性	交差種: Human
免疫原	Synthetic peptide (Human) - which represented a portion of human Kinesin Family Member 14 (KIF 14) encoded within exon 16.
ポジティブ・コントロール	HeLa whole cell extract.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: 0.1% Sodium azide Constituents: 0.021% PBS, 1.764% Sodium citrate, 1.815% Tris
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab3747** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

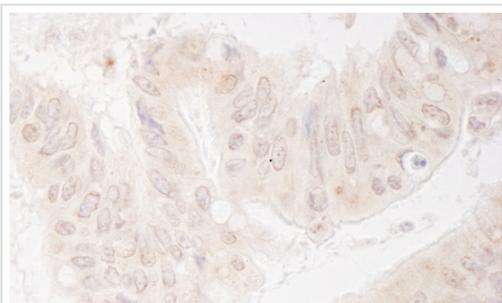
アプリケーション	Abreviews	特記事項
WB		1/2000 - 1/10000. Predicted molecular weight: 190 kDa.
IP		Use at 1-4 µg/mg of lysate.

アプリケーション	Abreviews	特記事項
IHC-P		1/500 - 1/2000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
ICC		1/250 - 1/1000.

ターゲット情報

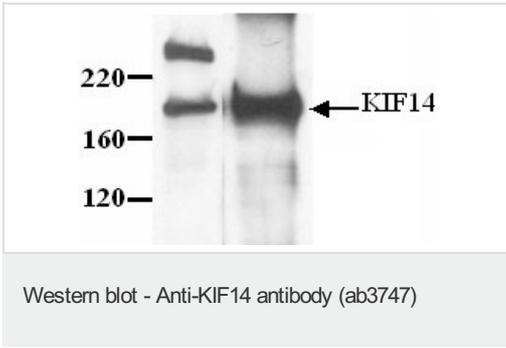
機能	Plays an essential role in cytokinesis.
配列類似性	Belongs to the kinesin-like protein family. Contains 1 FHA domain. Contains 1 kinesin-motor domain.
発生段階	Up-regulated in cells progressing through G2/M phase.
細胞内局在	Nucleus. Cytoplasm. Cytoplasm > cytoskeleton > spindle. Nuclear localization observed during interphase in PubMed:16431929 or triggered by entry into mitosis in PubMed:16648480. Cytoplasmic in interphase (PubMed:16648480) and metaphase cells (PubMed:16431929). From prophase to metaphase, accumulates at the developing spindle poles and their associated microtubules. During anaphase, accumulates at the spindle midzone. Localization to the central spindle and midbody during anaphase is dependent upon PRC1 and CIT presence. In cells ready to undergo abscission, concentrates at the contractile ring.

画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human colon carcinoma tissue labelling KIF14 with ab3747 at 1/1000 (1 µg/ml). Detection: DAB.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-KIF14 antibody (ab3747)



Sample: HeLa whole cell lysate

1) WB - 50µg

2) IP - 1mg

Antibody: Affinity purified Rabbit anti-KIF (ab3747)

1) & 2) WB - 1 / 4000 dilution.

2) IP - concentration of 3µg / mg of lysate.

Detection: ECL.

Sample: HeLa whole cell lysate

1) WB - 50µg

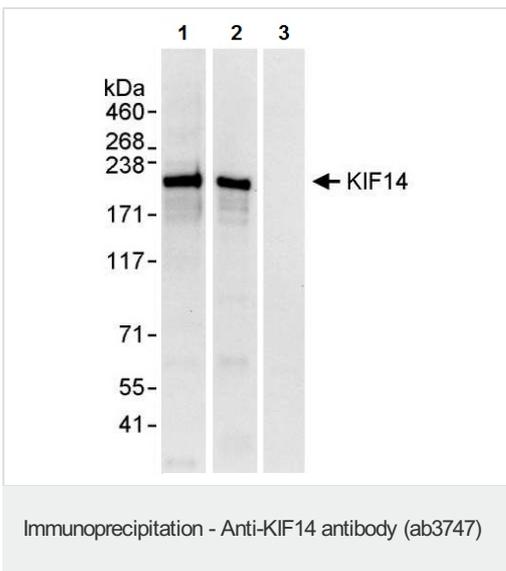
2) IP - 1mg

Antibody: Affinity purified Rabbit anti-KIF (ab3747)

1) & 2) WB - 1 / 4000 dilution.

2) IP - concentration of 3µg / mg of lysate.

Detection: ECL.



Whole cell lysate (50 µg for input; 1 mg/IP,

20% of IP loaded) from HeLa

cells. ab3747 used for western blot at 1 µg/ml

and used for IP at 3 µg/mg lysate. Detection:

Chemiluminescence with an exposure time of 30 seconds.

Lane 1 - Input.

Lane 2 - IP.

Lane 3 - Control IgG IP.

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