

KIF23 Monoclonal Antibody

CAB4896

Description

This KIF23 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB4896
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	CDA3, CHO1, CDAN3, KNSL5, MKLP1, CDAIII, CDAN3A, MKLP-1, KIF23
Clone:	ARC0335
Applications:	WB IP ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Rat

Antibody Data

Gene ID:	9493
Uniprot:	AB_2863380
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	110kDa
Calculated MW:	110kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

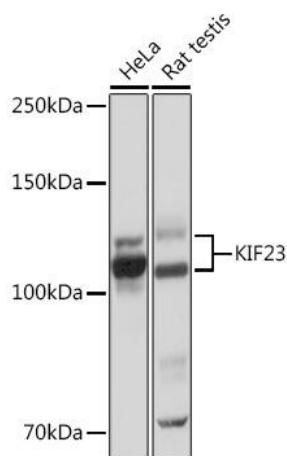
Positive Sample: HeLa, Rat testis,

Recommended Dilutions:

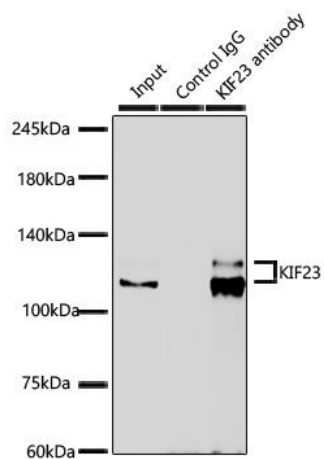
WB	1:500 - 1:1000
IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of various lysates using Rabbit mAb (CAB4896) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.



Immunoprecipitation analysis of 300 µg extracts of HeLa cells using 3 µg Rabbit mAb (CAB4896). Western blot was performed from the immunoprecipitate using Rabbit mAb (CAB4896) at a dilution of 1:1000.