

## Anti-AKAP14 Rabbit Monoclonal Antibody

Catalog Number: M15886

### Overview

Product Name	Anti-AKAP14 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-AKAP14 Rabbit Monoclonal Antibody catalog # M15886. Tested in WB, ICC/IF, IP applications. This antibody reacts with Human, Mouse, Rat.
Application	IP, IF, ICC, WB
Clonality	Monoclonal FGO-1
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q86UN6

### Technical Details

Immunogen	A synthesized peptide derived from human AKAP14
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB 1:500-1:2000 ICC/IF 1:50-1:200 IP 1:50

## Anti-AKAP14 Rabbit Monoclonal Antibody (M15886) Images

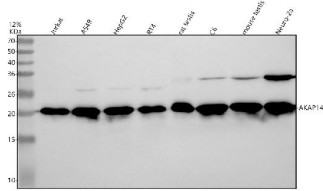


Figure 1. Western blot analysis of AKAP14 using anti-AKAP14 antibody (M15886).

Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human Jurkat whole cell lysates,

Lane 2: human A549 whole cell lysates,

Lane 3: human HepG2 whole cell lysates,

Lane 4: human RT4 whole cell lysates,

Lane 5: rat testis tissue lysates,

Lane 6: rat C6 whole cell lysates,

Lane 7: mouse testis tissue lysates,

Lane 8: mouse Neuro-2a whole cell lysates.

After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes.

Blocked the membrane with 5% non-fat milk/TBS for 1.5

hour at RT. The membrane was incubated with rabbit anti-

AKAP14 antigen affinity purified monoclonal antibody

(Catalog # M15886) at 1:500 overnight at 4°C, then washed

with TBS-0.1%Tween 3 times with 5 minutes each and

probed with a goat anti-rabbit IgG-HRP secondary antibody

at a dilution of 1:500 for 1.5 hour at RT. The signal is

developed using an Enhanced Chemiluminescent detection

(ECL) kit (Catalog # EK1002) with Tanon 5200 system. A

specific band was detected for AKAP14 at approximately

21,23 kDa. The expected band size for AKAP14 is at 21 kDa.

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