# AKAP8 Antibody

**CAB3049**

## Description

This AKAP8 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:** | CAB3049 |
| **Contents:** | 20 µL, 100 µL<br>Bradford Reagent: 1 vial (2ml) |
| **Category:** | Polyclonal Antibody |
| **Synonyms:** | AKAP-8, AKAP95, AKAP 95, AKAP-95, AKAP8 |
| **Clone:** | - |
| **Applications:** | WB IF/ICC ELISA |
| **Conjugation:** | Unconjugated |
| **Reactivity:** | Human, Mouse |

## Antibody Data

| | |
|---|---|
| **Gene ID:** | 10270 |
| **Uniprot:** | AB_2764853 |
| **Host Species:** | Rabbit |
| **Purification:** | Affinity purification |
| **Observed MW:** | 110kDa |
| **Calculated MW:** | 76kDa |

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.
Store Bradford Reagent at Room Temperature for 1 Year.

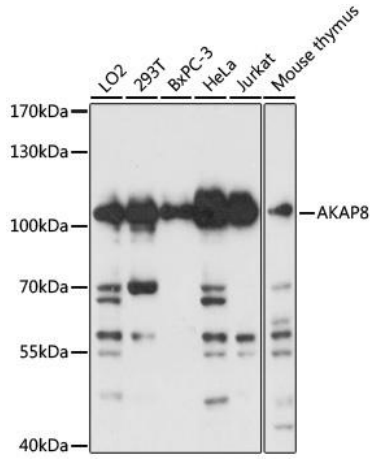
**Positive Sample:** LO2, 293T, BxPC-3, HeLa, Jurkat, mouse thymus

**Recommended Dilutions:**

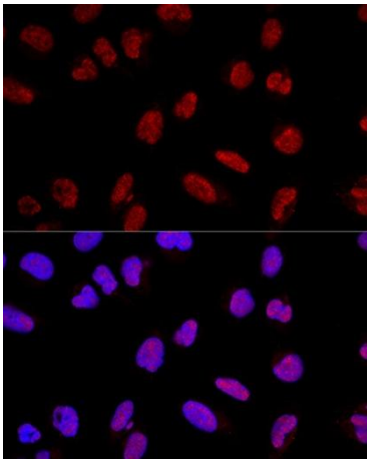
| | |
|---|---|
| **WB** | 1:500 - 1:2000 |
| **IF/ICC** | 1:50 - 1:200 |
| **ELISA** | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

**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 AKAP8 Rabbit pAb (CAB3049) at 1:3000 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: 30s.



Confocal immunofluorescence analysis of U2OS cells using AKAP8 Rabbit pAb (CAB3049) at dilution of 1:200. Blue: DAPI for nuclear staining.