

## Alpha-tubulin (ubiquitous) chain Rabbit pAb

CABC025

### Description

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This Alpha-tubulin (ubiquitous) chain Rabbit pAb 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

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<b>SKU:</b>	CABC025
<b>Contents:</b>	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Polyclonal Antibody
<b>Synonyms:</b>	K-ALPHA-1, Alpha-tubulin (ubiquitous) chain
<b>Clone:</b>	-
<b>Applications:</b>	WB IF/ICC
<b>Conjugation:</b>	Unconjugated
<b>Reactivity:</b>	Human, Mouse, Rat

### Antibody Data

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<b>Gene ID:</b>	10376
<b>Uniprot:</b>	AB_2768344
<b>Host Species:</b>	Rabbit
<b>Purification:</b>	Affinity purification
<b>Observed MW:</b>	50kDa
<b>Calculated MW:</b>	50kDa

## 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.

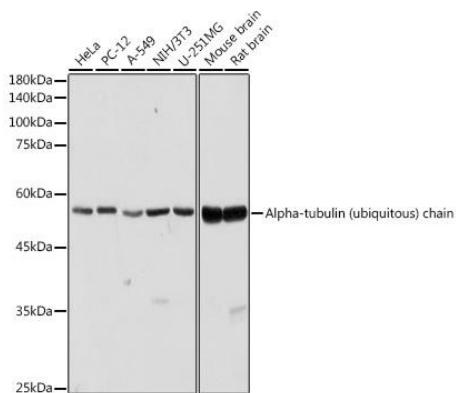
**Positive Sample:** HeLa, PC-12, A-549, NIH/3T3, U-251MG, Mouse brain , Rat brain

**Recommended Dilutions:**

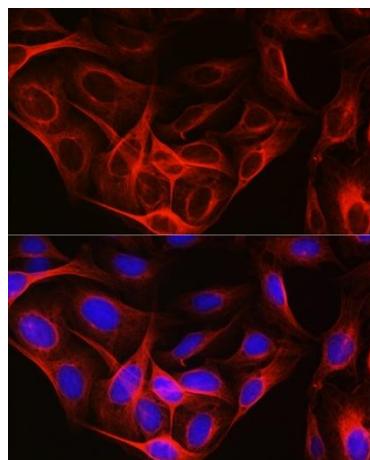
WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200

**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

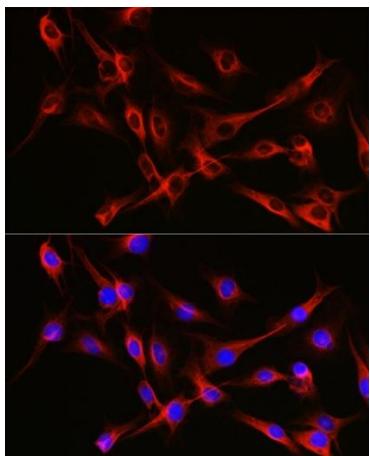
## Validation Data



Western blot analysis of various lysates using Alpha-tubulin (ubiquitous) chain Rabbit pAb (CABC025) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.



Immunofluorescence analysis of U2OS cells using Alpha-tubulin (ubiquitous) chain Rabbit pAb (CABC025) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of cells using Alpha-tubulin (ubiquitous) chain Rabbit pAb (CABC025) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.