

# Alpha-tubulin (ubiquitous) chain Rabbit pAb

Catalog No.: AC003 20 Publications

## **Basic Information**

#### **Observed MW**

50kDa

#### **Calculated MW**

50kDa

## Category

Loading control antibody

## **Applications**

WB,IF/ICC,IP,FC

#### **Cross-Reactivity**

Human, Mouse, Rat

# **Background**

Enables double-stranded RNA binding activity and ubiquitin protein ligase binding activity. Predicted to be involved in microtubule cytoskeleton organization and mitotic cell cycle. Predicted to act upstream of or within cellular response to interleukin-4. Located in microtubule.

## **Recommended Dilutions**

| WB     | 1:500 - 1:2000 |
|--------|----------------|
| IF/ICC | 1:20 - 1:100   |
| IP     | 1:20 - 1:50    |
| FC     | 1.20 - 1.50    |

# **Immunogen Information**

| Gene ID | Swiss Prot |
|---------|------------|
| 10376   | P68363     |

#### **Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

## **Synonyms**

K-ALPHA-1; Alpha-tubulin (ubiquitous) chain

## **Contact**

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|-----------|---|---------------------------|
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## **Product Information**

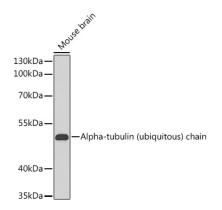
| Source | Isotype | Purification          |
|--------|---------|-----------------------|
| Rabbit | IgG     | Affinity purification |

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

# **Validation Data**



Western blot analysis of lysates from mouse brain, using Alpha-tubulin (ubiquitous) chain Rabbit pAb (AC003).

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.