

[KO Validated] betalII-Tubulin Antibody

CAB17074

Description

This [KO Validated] betalII-Tubulin 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:	CAB17074
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	CDCBM, FEOM3, TUBB4, CDCBM1, CFEOM3, beta-4, CFEOM3A, in
Clone:	-
Applications:	WB ELISA IF-P
Conjugation:	-
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	10381
Uniprot:	AB_2772760
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	55kDa
Calculated MW:	50kDa

Preparation & Storage

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

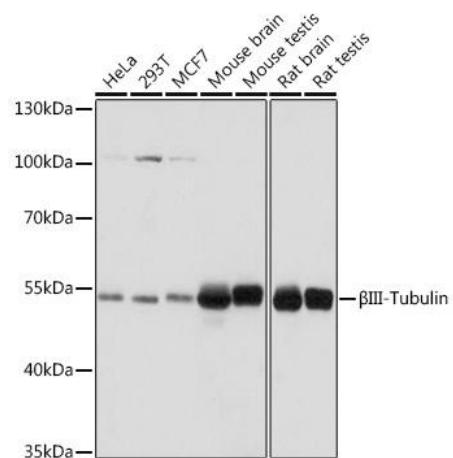
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: HeLa, 293T, MCF7, mouse brain, mouse testis, rat brain, rat testis

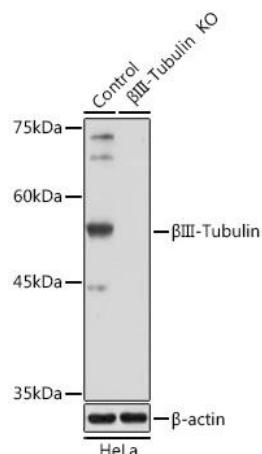
Recommended Dilutions:	WB	1:500 - 1:2000
	IF-P	1:50 - 1:200
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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

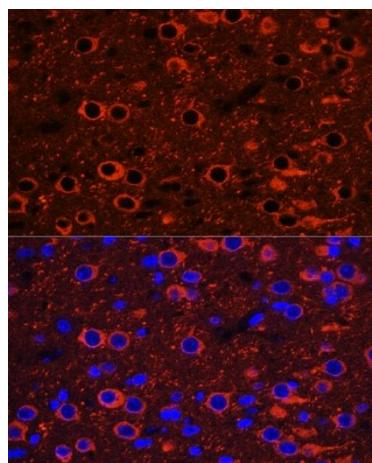
Validation Data



Western blot analysis of various lysates using [KO Validated] β III-Tubulin Rabbit pAb (CAB17074) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.



Western blot analysis of lysates from wild type (WT) and β III-Tubulin/ β 3-Tubulin knockout (KO) HeLa cells, using [KO Validated] β III-Tubulin Rabbit pAb (CAB17074) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.



Immunofluorescence analysis of paraffin-embedded Rat brain using [KO Validated] β III-Tubulin Rabbit pAb (CAB17074) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.