

Datasheet for ABIN1742550

anti-alpha Tubulin antibody (AA 443-449)**3** Images**1** Publication[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	alpha Tubulin (TUBA1)
Binding Specificity:	AA 443-449
Reactivity:	Human, Mouse, Rat, Chicken, Mammalian
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	Synthetic peptide EGEEEGE (aa 443-449 of rat alpha-tubulin) coupled to key-hole limpet hemocyanin via an added N-terminal cysteine.
Specificity:	Specific for alpha-tubulin (glu- and tyr-alpha-tubulin).
Purification:	Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization.

Target Details

Target:	alpha Tubulin (TUBA1)
Alternative Name:	alpha-Tubulin (TUBA1 Products)
Pathways:	Microtubule Dynamics

Application Details

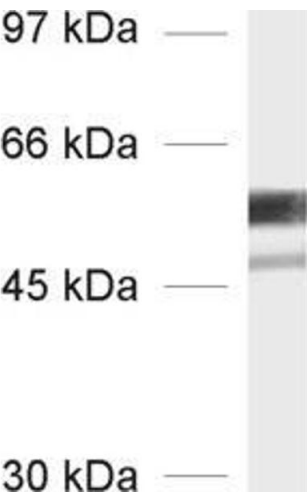
Application Notes:	WB: 1 : 1000 up to 1 : 5000 (AP staining) IP: not tested yet ICC: 1 : 100 up to 1 : 1000 IHC: 1 : 400
Comment:	ELISA: Suitable as detector antibody for sandwich-ELISA with ABIN1742547 or ABIN1742549 as capture antibodies (protocol for sandwich-ELISA).
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	For reconstitution add 100 µL H ₂ O to get a 1mg/ml solution of antibody in PBS. Then aliquot and store at -20 °C until use.
Buffer:	PBS
Handling Advice:	Affinity purified antibodies are less robust than antisera, since protease inhibitors are also removed during purification. Hence, storage at 4 °C for prolonged periods (i.e. several weeks), is not recommended.
Storage:	-20 °C
Storage Comment:	Unlabeled lyophilized antibodies are stable in this form without loss of quality at ambient temperatures for several weeks or even months. They can be stored at 4°C for several years. Lyophilized antibodies must not be stored in the freezer, they may be destroyed!

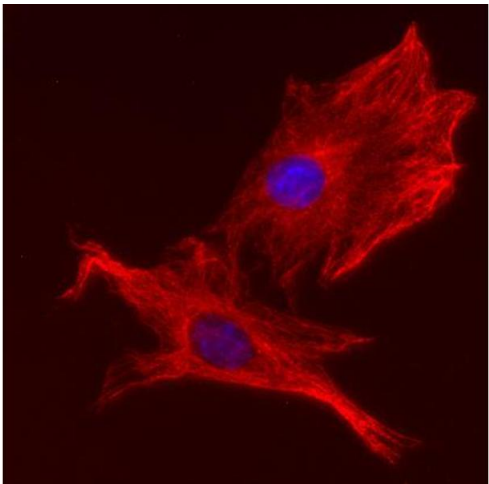
Publications

Product cited in:	Wilhelm, Mandad, Truckenbrodt, Kröhnert, Schäfer, Rammner, Koo, Claßen, Krauss, Haucke, Urlaub, Rizzoli: "Composition of isolated synaptic boutons reveals the amounts of vesicle trafficking proteins." in: Science (New York, N.Y.) , Vol. 344, Issue 6187, pp. 1023-8, (2014) (PubMed).
-------------------	---



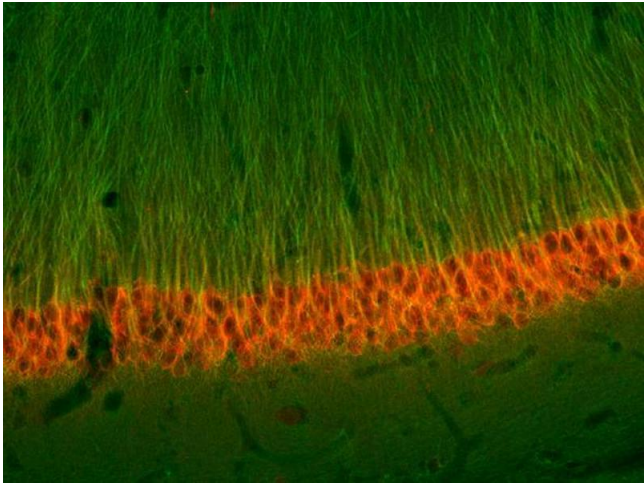
Western Blotting

Image 1.



Immunocytochemistry

Image 2.



Immunohistochemistry

Image 3.