

## $\alpha$ -Tubulin Rabbit Polyclonal Antibody

### Catalog #: EAB21886

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Rabbit IgG	Polyclonal	WB, IP, IHC, IF/ICC, FC, ELISA	52	Human, Mouse, Rat, Monkey, Pig

### Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB(Western Blotting)	1:2000-10000
IP(Immunoprecipitation)	1:200-1000
IHC-P(Immunohistochemistry-Paraffin)	1:100-500
IF/ICC(Immunofluorescence/Immunocytochemistry)	1:100-500
FC(Flow Cytometry)	1:50-200
ELISA(Enzyme-linked Immunosorbent Assay)	1:10000-30000

### Product Information

Conjugate	Unconjugate
Specificity	$\alpha$ -Tubulin Rabbit Polyclonal Antibody detects endogenous levels of $\alpha$ -Tubulin protein.
Purification	Affinity purification
Concentration	1mg/ml
Format	Liquid
Formulation	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol
Shipping	Gel Pack
Storage	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks
UniProt ID	<a href="#">P68363</a>
Entrez-Gene Id	<a href="#">10376</a>

### Product Description

Microtubules of the eukaryotic cytoskeleton perform essential and diverse functions and are composed of a heterodimer of alpha and beta tubulin. The genes encoding these microtubule constituents are part of the tubulin superfamily, which is composed of six distinct families. Genes from the alpha, beta and gamma tubulin families are found in all eukaryotes. The alpha and beta tubulins represent the major components of microtubules, while gamma tubulin plays a critical role in the nucleation of microtubule assembly. There are multiple alpha and beta tubulin genes and they are highly conserved among and between species. This gene encodes an alpha tubulin that is a highly conserved homolog of a rat testis-specific alpha tubulin. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

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