G-Biosciences Image not found or type unknown

Immunotag™ Phospho-Tau (Ser262) Antibody

Antibody Specification

Catalog No.	ITA0923
Product Description	Immunotag™ Phospho-Tau (Ser262) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-Tau (Ser262)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human Tau around the phosphorylation site of Serine 262
Specificity	Phospho-Tau (Ser262) Antibody detects endogenous levels of Tau only when phosphorylated at Serine 262
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	MAPT
Accession No.	P10636

Antibody Specification

Alternate Names	AI413597; AW045860; DDPAC; FLJ31424; FTDP 17; G protein beta1/gamma2 subunit interacting factor 1; MAPT; MAPTL; MGC134287; MGC138549; MGC156663; Microtubule associated protein tau; Microtubule associated protein tau isoform 4; Microtubule-associated protein tau; MSTD; Mtapt; MTBT1; MTBT2; Neurofibrillary tangle protein; Paired helical filament tau; Paired helical filament-tau; PHF tau; PHF-tau; PPND; PPP1R103; Protein phosphatase 1, regulatory subunit 103; pTau; RNPTAU; TAU; TAU_HUMAN; Tauopathy and respiratory failure, included;
Description	Promotes microtubule assembly and stability, and might be involved in the establishment and maintenance of neuronal polarity. The C-terminus binds axonal microtubules while the N-terminus binds neural plasma membrane components, suggesting that tau functions as a linker protein between both. Axonal polarity is predetermined by TAU/MAPT localization (in the neuronal cell) in the domain of the cell body defined by the centrosome. The short isoforms allow plasticity of the cytoskeleton whereas the longer isoforms may preferentially play a role in its stabilization.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	78 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.