G-Biosciences Image not found or type unknown

Immunotag™ Wee 2 Polyclonal Antibody

Antibody Specification

Catalog No.	ITT4904
Product Description	Immunotag™ Wee 2 Polyclonal Antibody
Size	50 µg, 100 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	WEE2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human WEE2. AA range:151-200
Specificity	Wee 2 Polyclonal Antibody detects endogenous levels of Wee 2 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	WEE2
Accession No.	P0C1S8 Q66JT0
Alternate Names	WEE2; WEE1B; Wee1-like protein kinase 2; Wee1-like protein kinase 1B; Wee1B kinase

Antibody Specification

Description	catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,function:Phosphorylates and inhibits CDC2. May act as a negative regulator of entry into mitosis (G2 to M transition).,PTM:Phosphorylated .,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. WEE1 subfamily.,similarity:Contains 1 protein kinase domain.,tissue specificity:Expressed in testis.,
Cell Pathway/ Category	Cell_Cycle_G1S,Cell_Cycle_G2M_DNA,
Protein Expression	Thymus,
Subcellular Localization	nucleoplasm,cytoplasm,
Protein Function	catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,function:Phosphorylates and inhibits CDC2. May act as a negative regulator of entry into mitosis (G2 to M transition).,PTM:Phosphorylated .,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. WEE1 subfamily.,similarity:Contains 1 protein kinase domain.,tissue specificity:Expressed in testis.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.