G-Biosciences Image not found or type unknown

Immunotag™ WWOX Polyclonal Antibody

Antibody Specification

Catalog No.	ITT4909
Product Description	Immunotag™ WWOX 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	WWOX
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,IF,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human WWOX. AA range:1-50
Specificity	WWOX Polyclonal Antibody detects endogenous levels of WWOX 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	WWOX
Accession No.	Q9NZC7 Q91WL8
Alternate Names	WWOX; FOR; WOX1; WW domain-containing oxidoreductase; Fragile site FRA16D oxidoreductase

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Description	WWOX (WW domain containing oxidoreductase) encodes a member of the short-chain dehydrogenases/reductases (SDR) protein family. WWOX spans the FRA16D common chromosomal fragile site and appears to function as a tumor suppressor gene. Expression of the encoded protein is able to induce apoptosis, while defects in this gene are associated with multiple types of cancer. Disruption of WWOX is also associated with autosomal recessive spinocerebellar ataxia 12. Disruption of a similar gene in mouse results in impaired steroidogenesis, additionally suggesting a metabolic function for the protein. Alternative splicing results in multiple transcript variants.
Protein Function	skeletal system development, ossification, osteoblast differentiation, induction of apoptosis, steroid metabolic process, negative regulation of signal transduction, negative regulation of cell communication, regulation of cell death,positive regulation of cell death, induction of programmed cell death, regulation of Wnt receptor signaling pathway,negative regulation of Wnt receptor signaling pathway, regulation of apoptosis, positive regulation of apoptosis,regulation of programmed cell death, positive regulation of programmed cell death, skeletal system morphogenesis,oxidation reduction, bone development,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.

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