G-Biosciences Image not found or type unknown

Immunotag™ TIF1α Polyclonal Antibody

Antibody Specification

Catalog No.	ITT4654
Product Description	Immunotag™ TIF1α 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	TIF1α
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. 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 TRIM24. AA range:1001-1050
Specificity	TIF1α Polyclonal Antibody detects endogenous levels of TIF1α 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	TRIM24
Accession No.	O15164 Q64127
Alternate Names	TRIM24; RNF82; TIF1; TIF1A; Transcription intermediary factor 1-alpha; TIF1-alpha; E3 ubiquitin-protein ligase TRIM24; RING finger protein 82; Tripartite motif-containing protein 24

Antibody Specification

Description	tripartite motif containing 24(TRIM24) Homo sapiens The protein encoded by this gene mediates transcriptional control by interaction with the activation function 2 (AF2) region of several nuclear receptors, including the estrogen, retinoic acid, and vitamin D3 receptors. The protein localizes to nuclear bodies and is thought to associate with chromatin and heterochromatin-associated factors. The protein is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains - a RING, a B-box type 1 and a B-box type 2 - and a coiled-coil region. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008],
Protein Expression	Brain,Epithelium,Mammary cancer,Testis,Thyroid,
Subcellular Localization	nucleus,nuclear euchromatin,perichromatin fibrils,cytosol,
Protein Function	disease:A chromosomal aberration involving TIF1 is a cause of thyroid papillary carcinoma (PACT) [MIM:188550]. Translocation t(7;10)(q32;q11) with RET. The translocation generates the TIF1/RET (PTC6) oncogene.,function:Interacts selectively in vitro with the AF2-activating domain of the estrogen receptors. Association with DNA-bound estrogen receptors requires the presence of estradiol.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 bromo domain.,similarity:Contains 1 PHD-type zinc finger.,similarity:Contains 1 RING-type zinc finger.,similarity:Contains 2 B box-type zinc fingers.,subunit:Interacts with CBX1 and CBX3 (By similarity). Interacts with NR3C2.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.