G-Biosciences Image not found or type unknown

Immunotag™ Nrl Polyclonal Antibody

Antibody Specification

Catalog No.	ITT3193
Product Description	Immunotag™ Nrl 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	Nrl
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. 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 NRL. AA range:19-68
Specificity	Nrl Polyclonal Antibody detects endogenous levels of Nrl 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	NRL
Accession No.	P54845 P54846
Alternate Names	NRL; D14S46E; Neural retina-specific leucine zipper protein; NRL

Antibody Specification

Description	neural retina leucine zipper(NRL) Homo sapiens This gene encodes a basic motif-leucine zipper transcription factor of the Maf subfamily. The encoded protein is conserved among vertebrates and is a critical intrinsic regulator of photoceptor development and function. Mutations in this gene have been associated with retinitis pigmentosa and retinal degenerative diseases. [provided by RefSeq, Jul 2008],
Protein Expression	B cells,Eye,Neuroblastoma,Retina,
Subcellular Localization	nucleus,
Protein Function	disease:Defects in NRL are the cause of retinitis pigmentosa type 27 (RP27) [MIM:162080]. RP leads to degeneration of retinal photoreceptor cells. Patients typically have night vision blindness and loss of midperipheral visual field. As their condition progresses, they lose their far peripheral visual field and eventually central vision as well. RP27 inheritance is autosomal dominant.,function:Transcription factor which regulates the expression of several rod-specific genes, in cluding RHO and PDE6B.,online information:Retina International's Scientific Newsletter,similarity:Belongs to the bZIP family.,similarity:Contains 1 bZIP domain.,subunit:Interacts with FIZ1. This interaction represses transactivation.,tissue specificity:Neural retina.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.