

# Immunotag™ NFE2 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN1821
Product Description	Immunotag™ NFE2 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	NFE2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	NFE2 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	NFE2
Accession No.	Q16621 Q07279 Q6AYT2

## Antibody Specification

Description	function:Required for activity at the locus control region (LCR) upstream of the globin gene complexes. Requires p18 NF-E2 for binding to the NF-E2 motif. May play a role in all aspects of hemoglobin production: globin synthesis, heme synthesis, and the procurement of iron.,similarity:Belongs to the bZIP family.,similarity:Belongs to the bZIP family. CNC subfamily.,similarity:Contains 1 bZIP domain.,subunit:Interacts with MLL2; leading to activate transcription of the beta-globin locus (By similarity). Heterodimer of p45 NF-E2 and p18 NF-E2. Forms high affinity heterodimer with MAFG; the interaction promotes erythropoiesis.,tissue specificity:Expressed in hematopoietic cells and also in colon and testis.,
Protein Expression	Fetal liver,Heart,Liver,Lung,
Subcellular Localization	nucleus,nucleoplasm,cytoplasm,actin cytoskeleton,PML body,
Protein Function	function:Required for activity at the locus control region (LCR) upstream of the globin gene complexes. Requires p18 NF-E2 for binding to the NF-E2 motif. May play a role in all aspects of hemoglobin production: globin synthesis, heme synthesis, and the procurement of iron.,similarity:Belongs to the bZIP family.,similarity:Belongs to the bZIP family. CNC subfamily.,similarity:Contains 1 bZIP domain.,subunit:Interacts with MLL2; leading to activate transcription of the beta-globin locus (By similarity). Heterodimer of p45 NF-E2 and p18 NF-E2. Forms high affinity heterodimer with MAFG; the interaction promotes erythropoiesis.,tissue specificity:Expressed in hematopoietic cells and also in colon and testis.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.