

# Immunotag™ SRP54 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN1314
Product Description	Immunotag™ SRP54 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	SRP54
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,Rat,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SRP54 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	SRP54
Accession No.	P61011 P14576 Q6AYB5

## Antibody Specification

Description	domain:Has a two domain structure: the G-domain binds GTP; the M-domain binds the 7S RNA in presence of SRP19 and also binds the signal sequence.,function:Binds to the signal sequence of presecretory protein when they emerge from the ribosomes and transfers them to TRAM (translocating chain-associating membrane protein).,online information:Signal recognition particle entry,similarity:Belongs to the GTP-binding SRP family.,subunit:Signal recognition particle consists of a 7S RNA molecule of 300 nucleotides and six protein subunits: SRP72, SRP68, SRP54, SRP19, SRP14 and SRP9. Interacts with RNPS1.,
Cell Pathway/ Category	Protein export,
Protein Expression	Eye,Placenta,Trachea,
Subcellular Localization	intracellular,nucleus,nucleolus,cytoplasm,signal recognition particle, endoplasmic reticulum targeting,cytosol,nuclear speck,signal recognition particle,
Protein Function	domain:Has a two domain structure: the G-domain binds GTP; the M-domain binds the 7S RNA in presence of SRP19 and also binds the signal sequence.,function:Binds to the signal sequence of presecretory protein when they emerge from the ribosomes and transfers them to TRAM (translocating chain-associating membrane protein).,online information:Signal recognition particle entry,similarity:Belongs to the GTP-binding SRP family.,subunit:Signal recognition particle consists of a 7S RNA molecule of 300 nucleotides and six protein subunits: SRP72, SRP68, SRP54, SRP19, SRP14 and SRP9. Interacts with RNPS1.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.