Datasheet: AHP500G BATCH NUMBER 150743

Description:	SHEEP ANTI HUMAN TGN46
Specificity:	TGN46
Other names:	TGOLN2
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	25 µg

Product Details

Applications	This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit <u>www.bio-</u> rad-antibodies.com/protocols.				
		Yes	No	Not Determined	Suggested Dilution
	Flow Cytometry				
	Immunohistology - Frozen (1)	-			0.1ug/ml - 1ug/ml
	Immunohistology - Paraffin				
	ELISA			•	
	Immunoprecipitation			•	
	Western Blotting				0.1ug/ml - 1ug/ml
	Immunofluorescence				
	necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls. (1) Fixation with 3% paraformaldehyde or methanol/acetone is recommended.				
Target Species	Human				
Species Cross Reactivity	Reacts with: Primate N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.				
Product Form	Purified IgG - liquid				

Antiserum Preparation Antisera to human TGN46 were raised by repeated immunisation of sheep with highly purified antigen. Purified IgG prepared by affinity chromatography.

Buffer Solution	Phosphate buffered saline			
Preservative	0.02% Sodium Azide (NaN ₃)			
Stabilisers	0.5% Bovine Serum Albumin			
	25% Glycerol			
Approx. Protein Concentrations	IgG concentration 0.25 mg/ml			
Immunogen	Recombinant human TGN46.			
External Database				
Links	UniProt:			
	O43493 Related reagents			
	Entrez Gene:			
	10618 TGOLN2 Related reagents			
Synonyms	TGN46, TGN51			
RRID	AB_323104			
Specificity	city Sheep anti Human TGN46 antibody recognizes Trans-Golgi network integral membran protein 2 (TGOLN2), also known as TGN38 homolog, TGN46, TGN48 or Trans-Golgi network protein TGN51. TGN46 is a 437 amino acid glycoprotein localized to the Trans-Golgi network. TGN46 has been reported as being the best available marker for human trans-Golgi network.			
	TGN46 is a heavily glycosylated protein of around 110-120 kD TGN46 are generated by alternative splicing difffering in seque protion. Sheep anti Human TGN46 antibody is expeced to rec isoforms.	ence at the C-terminal		
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Further Reading	1. Ponnambalam, S. <i>et al.</i> (1996) Primate homologues of rat T expression and functional implications. <u>J Cell Sci. 109 (Pt 3)</u> :	
Storage	Store at +4°C or at -20°C if preferred. This product should be stored undiluted. Storage in frost free freezers is not recommended. Avoid repea as this may denature the antibody. Should this product contain recommend microcentrifugation before use.	с с
Guarantee	12 months from date of despatch	
Health And Safety Information	Material Safety Datasheet documentation #10048 available at: https://www.bio-rad-antibodies.com/SDS/AHP500G 10048	
Regulatory	For research purposes only	

Related Products

Recommended Secondary Antibodies

Rabbit Anti Sheep IgG (H/L) (5184-2304...) Biotin

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