Human TGOLN2 peptide (DAG-P1245)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a type I integral membrane protein that is localized to the trans-Golgi network, a major sorting station for secretory and membrane proteins. The encoded protein cycles between early endosomes and the trans-Golgi network, and may play a role in exocytic vesicle formation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Oct 2011]
Specificity	Isoform TGN46 is widely expressed. Isoform TGN51 is more abundant in fetal lung and kidney. Isoform TGN48 is barely expressed in embryonic kidney and promyelocytic cells.
Conjugate	Unconjugated
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	TGOLN2 trans-golgi network protein 2 [Homo sapiens (human)]
Official Symbol	TGOLN2
Synonyms	TGOLN2; trans-golgi network protein 2; TGN38; TGN46; TGN48; TGN51; TTGN2; trans-Golgi network integral membrane protein 2; TGN38 homolog; trans-Golgi network protein TGN51; trans-Golgi network protein (46, 48, 51kD isoforms);
Entrez Gene ID	10618
mRNA Refseq	NM_001206840.1

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Protein Refseq	NP_001193769.1
UniProt ID	O43493
Chromosome Location	2p11.2
Pathway	Clathrin derived vesicle budding, organism-specific biosystem; Golgi Associated Vesicle Biogenesis, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem; trans-Golgi Network Vesicle Budding, organism-specific biosystem;
Function	protein binding;

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