

Immunotag™ Phospholemman Antibody

Antibody Specification	
Catalog No.	ITA2675
Product Description	Immunotag™ Phospholemman Antibody
Size	100 µg, 200 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	Phospholemman
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC
Recommended Dilution	WB 1:500-1:2000, IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human Phospholemman.
Specificity	Phospholemman antibody detects endogenous levels of Phospholemman.
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	FXYD1
Accession No.	O00168
Alternate Names	FXYD domain containing ion transport regulator 1; Phospholemman; PLM;
Description	Associates with and regulates the activity of the sodium/potassium-transporting ATPase (NKA) which transports Na+ out of the cell and K+ into the cell. Inhibits NKA activity in its unphosphorylated state and stimulates activity when phosphorylated. Reduces glutathionylation of the NKA beta-1 subunit ATP1B1, thus reversing glutathionylation-mediated inhibition of ATP1B1. Contributes to female sexual development by maintaining the excitability of neurons which secrete gonadotropin-releasing hormone.

Antibody Specification

Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	10-15 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.