

AP17512PU-N**Polyclonal Antibody to ITM2A (N-term)**

Alternate names:	Integral membrane protein 2A, Protein E25
Quantity:	0.4 ml
Concentration:	lot specific
Background:	ITM2A is induced during thymocyte selection and T cell activation and causes downregulation of CD8 when overexpressed in CD4(+)CD8(+) double positive thymocytes.
Uniprot ID:	O43736
NCBI:	NP_004858
GeneID:	9452
Host:	Rabbit
Immunogen:	KLH conjugated synthetic peptide selected from the N-terminal region of human ITM2A
Format:	State: Liquid purified Ig Purification: Saturated Ammonium Sulfate (SAS) precipitation Buffer System: PBS with 0.09% (W/V) sodium azide
Applications:	ELISA: 1/1,000. Western blotting: 1/50 - 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to ITM2A. Species: Human. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Gudbjartsson, D.F., et.al., Nat. Genet. 40 (5), 609-615 (2008)

Pictures:

(LEFT) Western blot analysis of ITM2A Antibody (N-term) (AP17512PU-N) in K562 cell line lysates (35ug/lane). ITM2A (arrow) was detected using the purified Pab. (RIGHT) Western blot analysis of ITM2A (arrow) using rabbit polyclonal ITM2A Antibody (N-term) (AP17512PU-N). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the ITM2A gene (Lane 2)

