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## 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:	<u>043736</u>
NCBI:	<u>NP_004858</u>
GenelD:	<u>9452</u>
Host:	Rabbit
Immunogen:	KLH conjugated synthetic peptide selected from the N-terminal region of human ITM2A
Format:	<b>State:</b> Liquid purified Ig <b>Purification:</b> Saturated Ammonium Sulfate (SAS) precipitation <b>Buffer System:</b> 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. <b>Species:</b> 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)

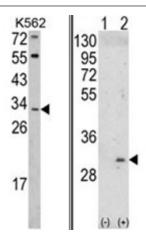
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**Pictures:** 

(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 (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)

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