

AP11877PU-N**Polyclonal Antibody to T1A-2 (N-term) - Purified**

Alternate names:	HT1A-1, hT1a-1, lung type-I cell membrane-associated glycoprotein
Quantity:	0.4 ml
Concentration:	lot specific
Background:	T1A-2 is a type-I integral membrane glycoprotein with diverse distribution in human tissues. The physiological function of this protein may be related to its mucin-type character. The homologous protein in other species has been described as a differentiation antigen and influenza-virus receptor. The specific function of this protein has not been determined but it has been proposed as a marker of lung injury.
Host / Isotype:	Rabbit / Ig
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human T1A-2.
Format:	State: Liquid Ig fraction Purification: Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS Buffer System: PBS with 0.09% (W/V) sodium azide
Applications:	ELISA 1:1,000. Western blot 1:100 - 1:500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects Podoplanin / GP36 / TIA-2 Antibody N-term. Species: Human. Other species not tested.
Add. Information:	Molecular weight: 16684 Da
Storage:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Kato, Y., et al., J. Biol. Chem. 278(51):51599-51605 (2003). 2. Ma, T., et al., Am. J. Respir. Cell Mol. Biol. 19(1):143-149 (1998). 3. Zimmer, G., et al., Biochem. J. 341 (Pt 2), 277-284 (1999).

Pictures:

Western blot analysis of anti-T1A-2 (AP11877PU-N) in NCI-H460 cell lysate. T1A-2 (Arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.

