

Datasheet for ABIN7601970
anti-NT5M antibody (AA 53-164)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	NT5M
Binding Specificity:	AA 53-164
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NT5M antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-NT5M Antibody Picoband®
Immunogen:	E.coli-derived human NT5M recombinant protein (Position: F53-D164). Human NT5M shares 93.8% amino acid (aa) sequence identity with mouse NT5M.
Characteristics:	Anti-NT5M Antibody Picoband® (ABIN7601970). Tested in WB, ELISA applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	NT5M
Alternative Name:	NT5M (NT5M Products)
Background:	This gene encodes a 5' nucleotidase that localizes to the mitochondrial matrix. This enzyme dephosphorylates the 5'- and 2'(3')-phosphates of uracil and thymine deoxyribonucleotides. The gene is located within the Smith-Magenis syndrome region on chromosome 17.
Molecular Weight:	26 kDa
Gene ID:	56953

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Mouse, Rat ELISA, 0.1-0.5 µg/mL, - 1. Rampazzo, C., Gallinaro, L., Milanesi, E., Frigimelica, E., Reichard, P., Bianchi, V. A deoxyribonucleotidase in mitochondria: involvement in regulation of dNTP pools and possible link to genetic disease. Proc. Nat. Acad. Sci. 97: 8239-8244, 2000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.