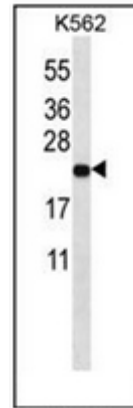


AP52831PU-N**Polyclonal Antibody to ND3 (N-term) - Aff - Purified**

Alternate names:	MT, MT-, NADH-ubiquinone oxidoreductase chain 3, NADH3
Quantity:	0.4 ml
Concentration:	lot specific
Background:	Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone (By similarity).
Uniprot ID:	P03897
NCBI:	YP_003024033
GeneID:	4537
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 9-39 amino acids from the N-terminal region of human ND3
Format:	State: Liquid purified Ig fraction Purification: Protein A column, followed by peptide affinity purification Buffer System: PBS containing 0.09% (W/V) Sodium Azide as preservative
Applications:	ELISA: 1/1000. Western Blot: 1/100-1/500. Flow Cytometry: 1/10-1/50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes Human ND3 (N-term).
Add. Information:	Molecular Weight: 13186 Da
Storage:	Store 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.

Pictures:

Western blot analysis of ND3 Antibody (N-term) Cat.-No AP52831PU-N in K562 cell line lysates (35ug/lane). This demonstrates the ND3 antibody detected the ND3 protein (arrow).



Flow cytometric analysis of K562 cells using ND3 Antibody (N-term) Cat.-No AP52831PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

