



Catalog: OM215092



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ND2 Antibody (N-term)

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100ug

Product profile

Product name	ND2 Antibody (N-term)
Antibody Type	Primary Antibodies

Key Feature

Clonality	Polyclonal
Isotype	Ig
Host Species	Rabbit
Tested Applications	WB ,IHC ,FC
Species Reactivity	Human
Concentration	1 mg/ml
Purification	

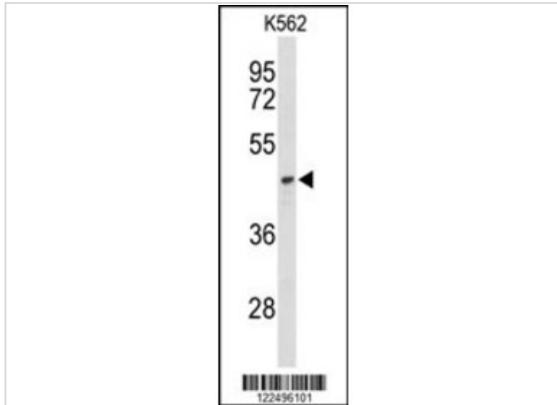
Target Information

Gene Synonyms	MTND2, NADH2, ND2
Alternative Names	MT-ND2; MTND2; NADH2; ND2; NADH-ubiquinone oxidoreductase chain 2; NADH dehydrogenase subunit 2
Molecular Weight (MW)	38961 Da
Function	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)
Tissue Specificity	This ND2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between n 38~67 amino acids from the N-terminal region of human ND2.
Cellular Localization	Mitochondrion inner membrane; Multi-pass membrane protein

Database Links

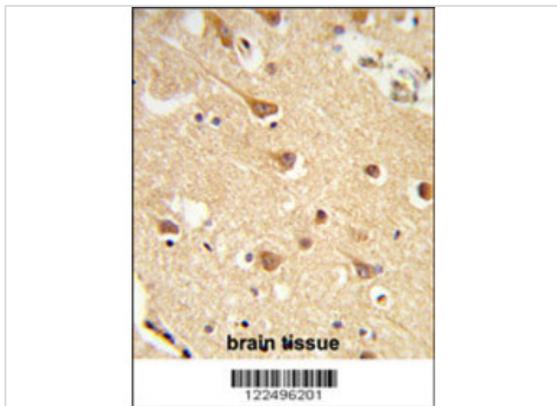
Entrez Gene 4536

Application



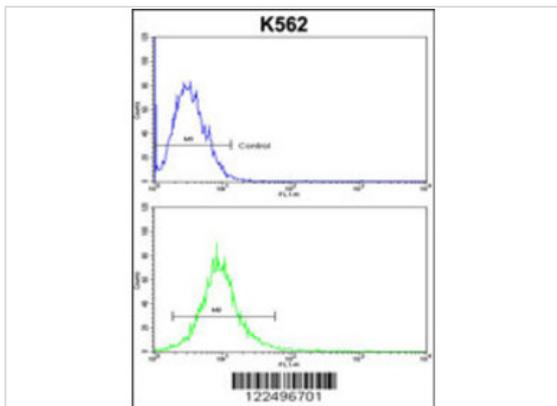
Application

Western blot analysis of ND2 Antibody (N-term) in K562 cell line lysates (35ug/lane). ND2 (arrow) was detected using the purified Pab.



Application

Formalin-fixed and paraffin-embedded human brain tissue reacted with ND2 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Application

ND2 Antibody (N-term) flow cytometric analysis of k562 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Application Notes WB~~1:100~500 IHC~~1:50~100 FC~~1:10~50:

Additional Information

Form Liquid

Storage Instructions For short-term storage, store at 4° C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Storage Buffer Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Note

The product is for research use only, not for use in diagnostic or therapeutic procedures.

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This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt
