10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DNAJC11 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10480A

Specification

DNAJC11 Antibody (N-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q9NVH1
Other Accession	Q5U458, Q2NL21, NP_060668.2
Reactivity	**Human, Mouse**
Predicted	**Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**63278**
Antigen Region	**27-56**

DNAJC11 Antibody (N-term) - Additional Information

Gene ID 55735

Other Names
DnaJ homolog subfamily C member 11, DNAJC11

Target/Specificity
This DNAJC11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 27-56 amino acids from the N-terminal region of human DNAJC11.

Dilution
WB~~1:1000
IHC-P~~1:50~100

Format
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.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
DNAJC11 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

DNAJC11 Antibody (N-term) - Protein Information

Name DNAJC11

Function [Isoform 1]: Required for mitochondrial inner membrane organization. Seems to function through its association with the MICOS complex and the mitochondrial outer membrane sorting assembly machinery (SAM) complex.

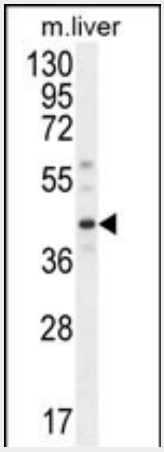
Cellular Location
Mitochondrion. Note=Isoforms show differential submitochondrial localization. A 57 kDa form (potentially isoform 3) shows either mitochondrial matrix or innermembrane (IM) localization, possibly anchored to the IM facing the matrix. A 35 kDa form behaved either as an inner membrane space (IMS) or an IM protein exposed to the IMS.

DNAJC11 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

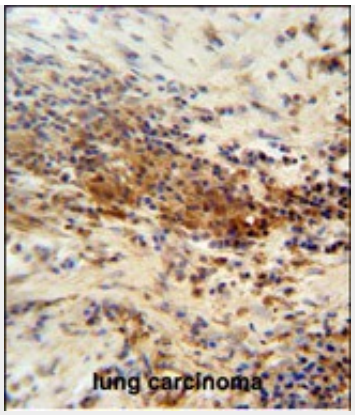
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

DNAJC11 Antibody (N-term) - Images



DNAJC11 Antibody (N-term) (Cat. #AP10480a) western blot analysis in mouse liver tissue lysates (35ug/lane).This demonstrates the DNAJC11 antibody detected the DNAJC11 protein (arrow).

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999



DNAJC11 antibody (N-term) (Cat. #AP10480a) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the DNAJC11 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

DNAJC11 Antibody (N-term) - Background

Belongs to the DNAJC11 family. Three named isoforms produced by alternative splicing.

DNAJC11 Antibody (N-term) - References

Kneissl, J., et al. Plant Cell 21(10):3212-3225(2009)
Xie, J., et al. FEBS Lett. 581(18):3545-3549(2007)
Lamesch, P., et al. Genomics 89(3):307-315(2007)
Henrich, K.O., et al. Eur. J. Cancer 43(3):607-616(2007)
Katoh, M., et al. Int. J. Oncol. 23(4):1219-1224(2003)