

CHCHD3 Polyclonal Antibody

Catalog No. E-AB-52541

Note: Centrifuge before opening to ensure complete recovery of vial contents.

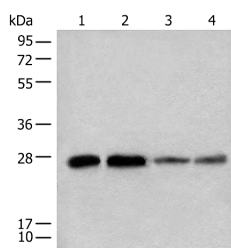
Description

Reactivity	Human, Mouse
Immunogen	Full length fusion protein
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4

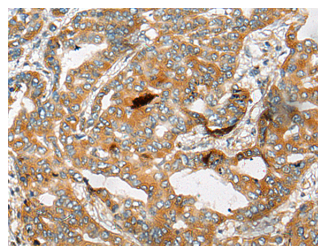
Applications Recommended Dilution

WB	1:500-1:2000
IHC	1:25-1:100

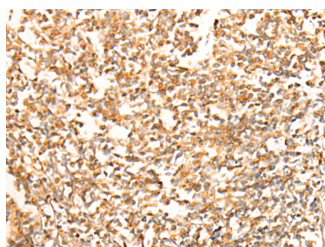
Data



Western blot analysis of 293T A549 Jurkat and HEPG2 cell lysates using CHCHD3 Polyclonal Antibody at dilution of 1:500
Observed Mw: Refer to figures
Calculated Mw: 26 kDa



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using CHCHD3 Polyclonal Antibody at dilution of 1:25 (×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using CHCHD3 Polyclonal Antibody at dilution of 1:25 (×200)

Preparation & Storage

For Research Use Only

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

The protein encoded by this gene is an inner mitochondrial membrane scaffold protein. Absence of the encoded protein affects the structural integrity of mitochondrial cristae and leads to reductions in ATP production, cell growth, and oxygen consumption. This protein is part of the mitochondrial contact site and cristae organizing system (MICOS). Several transcript variants encoding different isoforms have been found for this gene.