

COQ8A Polyclonal Antibody

Catalog No. E-AB-30707

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

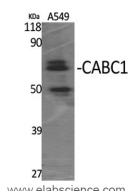
Description

| | |
|---------------------|--|
| Reactivity | Human,Mouse,Rat |
| Immunogen | Synthesized peptide derived from the Internal region of human CABC1. |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Conjugation | Unconjugated |
| Buffer | PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4 |

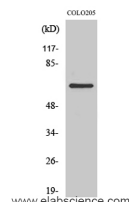
Applications Recommended Dilution

| | |
|--------------|----------------|
| WB | 1:500-1:2000 |
| IHC | 1:50-1:200 |
| IF | 1:50-1:100 |
| ELISA | 1:5000-1:20000 |

Data



Western Blot analysis of A549 cells with COQ8A Polyclonal Antibody
Observed Mw:50kDa
Calculated Mw:72kDa



Western Blot analysis of COLO205 cells with COQ8A Polyclonal Antibody

Preparation & Storage

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

Background

This gene encodes a mitochondrial protein similar to yeast ABC1, which functions in an electron-transferring membrane protein complex in the respiratory chain. It is not related to the family of ABC transporter proteins. Expression of this gene is induced by the tumor suppressor p53 and in response to DNA damage, and inhibiting its expression partially suppresses p53-induced apoptosis. Alternatively spliced transcript variants have been found; however, their full-length nature has not been determined. COQ8A (Coenzyme Q8A) is a Protein Coding gene. Diseases associated with COQ8A include Coenzyme Q10 Deficiency, Primary, 4 and Coq8a-Related Coenzyme Q10 Deficiency. An important paralog of this gene is COQ8B.

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