

## Anti-CHD1L Antibody (7L400)

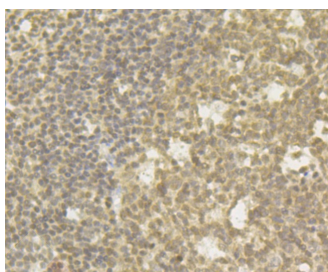
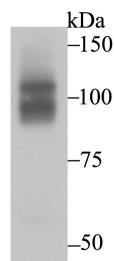
### Product Details

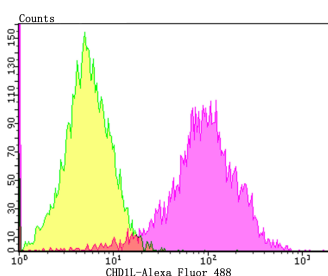
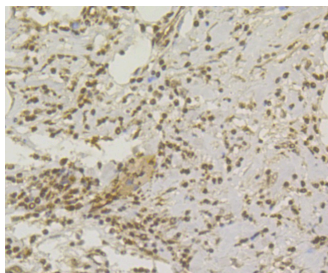
Ig Type:	IgG
Reactivity:	Human,Mouse
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 101/90 kDa.
Clone:	7L400
Purification:	ProA affinity purified

### Applications

#### Verified Activity:

1. Western blot analysis of CHD1L on HepG2 cell using anti-CHD1L antibody at 1/1,000 dilution.
2. Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-CHD1L antibody. Counter stained with hematoxylin. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6) for 20 mins.
3. Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-CHD1L antibody. Counter stained with hematoxylin. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6) for 20 mins.
4. Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-CHD1L antibody. Counter stained with hematoxylin. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6) for 20 mins.
5. Flow cytometric analysis of HepG2 cells with CHD1L antibody at 1/100 dilution (purple) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.





Application: FCM,IHC,WB  
Recommended WB: 1:500-1000; IHC: 1:50-100; FCM: 1:50-100

### Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.  
Shipping: Shipping with blue ice.

### Antigen Details

Immunogen: Recombinant Protein: human CHD1L aa 600-800  
Antigen Species: Human  
Uniprot ID: Q86WJ1  
Synonyms: Chromodomain-helicase-DNA-binding protein 1-like;ALC1;Amplified in liver cancer protein 1; CHD1L

### Research Background

CHD1L (Chromodomain helicase DNA-binding protein 1-like) is a 897 amino acid protein encoded by the human gene CHD1L. The CHD family of proteins are ATP-dependent chromatin remodeling enzymes, which combine chromodomains, with SWI2/SNF2 ATPase/helicase motifs and DNA-binding capability. Chromodomains are protein regions of about 40-50 amino acid residues found in proteins associated with chromatin remodeling and manipulation. The domain is highly conserved among both plants and animals and is found in a large variety of proteins from many genomes. CHD1L and CHD1 share most homology within two internal helicase domains.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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