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# **Human Chondrolectin antibody**

Catalog Number: ATGA0356

## **PRODUCT INFORMATION**

## Catalog number

ATGA0356

#### Clone No.

AT25G6

## **Product type**

Monoclonal Antibody

#### UnitProt No.

Q9H9P2

#### **NCBI Accession No.**

NP 079220

#### **Alternative Names**

Chondrolectin isoform a, C21orf68, MT75, PRED12

## **PRODUCT SPECIFICATION**

## **Antibody Host**

Mouse

#### **Reacts With**

Human

#### Concentration

1mg/ml (determined by BCA assay)

#### **Formulation**

Liquid in. Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol

#### **Immunogen**

Recombinant human CHODL (22-216aa) purified from E. coli

#### Isotype

IgG2b kappa

## **Purification Note**

By protein-A affinity chromatography

## **Application**

ELISA, WB

#### Usage

The antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended starting dilution for Western blot analysis is 1:1000.



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#### **Storage**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## **BACKGROUND**

## **Description**

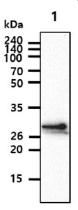
Chondrolectin is an N-glycosylated, single pass type I membrane protein that localizes to the endoplasmic reticulum (ER) -Golgi apparatus. Chondrolectin contains one carbohydrate recognition (CRD) domain and is predominantly expressed in vascular muscle of testis, red pulp of spleen and smooth muscle of prostate. Chondrolectin is also found in heart muscle, skeletal muscle, and small intestine. At least two other isoforms of Chondrolectin exist due to alternative splicing.

#### **General References**

Claessens A., et al. (2007) Cell Biol Int. 31(11): 1323-1330. Weng L., et al. (2002) Genomics. 80(1): 62-70.

## **DATA**

## Western blot analysis (WB)



The Cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human CHODL antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

Lane 1.: Jurkat cell lysate Lane 2.: HaCaT cell lysate Lane 3.: HepG2 cell lysate Lane 4.: HeLa cell lysate

