



PRODUCT DATA SHEET

Bioworld Technology, Inc.

LRRC58 polyclonal antibody

Catalog: BS34278

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Leucine-rich repeat-containing protein 58: Substrate-recognition component of a cullin-5-RING E3 ubiquitin-protein ligase complex (ECS complex, also named CRL5 complex), which mediates the ubiquitination and subsequent proteasomal degradation of target proteins, such as CDO1. The ECS(LRRC58) complex acts as a regulator of cysteine catabolism by mediating ubiquitination and degradation of CDO1, the rate-limiting enzyme of the cysteine catabolic process to taurine. L-cysteine abundance regulates ECS(LRRC58)-mediated ubiquitination of CDO1: the complex promotes ubiquitination and degradation of CDO1 in presence of high level of cysteine, but not when cysteine abundance is low

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~40.6 kDa

Swiss-Prot:

Q96CX6

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of LRRC58 protein

DATA:

Western blot analysis of CD42b expression in HL60 (A), MOLT4 (B), Ramos (C) whole cell lysates.

Flow cytometric analysis of HL60 cells using Anti-CD42b Antibody (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151