

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

## 11-1021: Polyclonal Antibody to DEPTOR/DEPDC6

Clonality: Polyclonal

Application: WB
Reactivity: Human
Gene: DEPTOR
Gene ID: 64798
Uniprot ID: Q8TB45
Format: Purified

Alternative Name : DEPTOR,DEPDC6

**Isotype:** Rabbit IgG

Immunogen Information: A partial length recombinant DEPTOR protein (amino acids 111-301) was used as the

immunogen for this antibody.

## **Description**

DEPTOR is an mTOR inhibitor whose expression is negatively regulated by mTOR. DEPTOR expression is required to maintain PI3K and Akt activation and to inhibit apoptosis. DEPTOR is expressed in different microvascular ECs (endothelial cells). It plays a key role in maintaining stem cell pluripotency by limiting mTOR activity in undifferentiated embryonic stem cells (ESCs). It is overexpressed in RPMI-8226 human multiple myeloma cells, and plays an important role in maintaining cell survival.

## **Product Info**

**Amount :**  $25 \mu g / 100 \mu g$ 

**Purification :** Protein A Chromatography

**Content:** 25 μg in 50 μl/100 μg in 200 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium

azide is highly toxic.

**Storage condition :** Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid

repeated freeze and thaw cycles.

## **Application Note**

Western blot analysis: 2-4 µg/ml

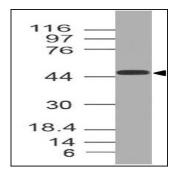


Fig-1: Western blot analysis DEPTOR. Anti-DEPTOR antibody (11-1021) was used at 2  $\mu$ g/ml on HepG2 lysate.