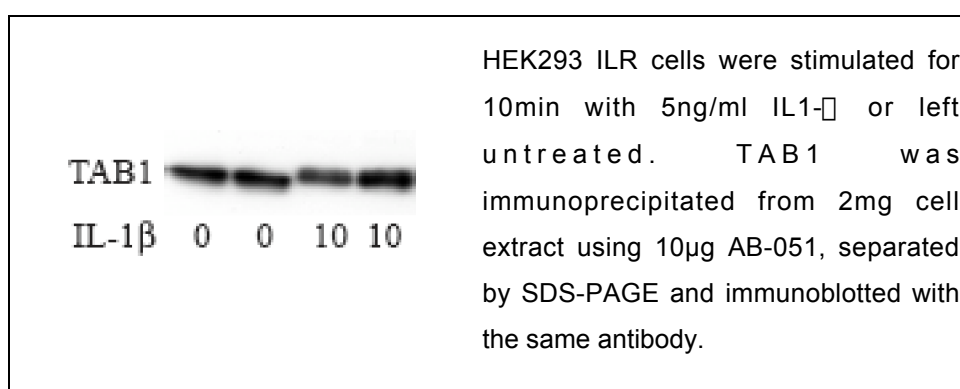


Anti TAB1
Anti TAK1 binding protein 1**Order No. AB-051****Antibody concentration: 0.31 mg/ml****Amount per vial: 100µg****Lot No 1****Store at -20°C****Product description:**

Polyclonal, affinity purified antibody raised in sheep against Histidine₆-tagged human TAB1 (Acc. No. Q15750). The antibody does also recognise TAB2 and TAB3. Recognizes human and mouse, other species not tested.

Applications: Western blotting* and Immunoprecipitation. *TAB1 is of very low abundance in many cell lines and may only be detected by western blotting upon immunoprecipitation.

Application advise

Western blocking buffer: 5% dry milk, 50mM Tris pH 7.5, 150mM NaCl, 0.1% Tween.

1st Ab buffer: 1µg/ml antibody in western blocking buffer for 1h incubation. Wash buffer: 50mM Tris pH 7.5, 150mM NaCl, 0.1% Tween.

2nd Ab buffer: HRP coupled anti sheep Pierce 31480 (1:10000) in western blocking buffer.

For IP use 5µg antibody for 1mg protein extract.

Background information

TAB1 is an essential activator of the TGF- β activated kinase 1 (TAK1) (Yamaguchi et al., 1995 Science 270:2008-2011. TAB1 itself is regulated by phosphorylation mediated by SAPK2A/p38 α . “Feedback control of the protein kinase TAK1 by SAPK2a/p38alpha”. Cheung et al., 2003 EMBO J. 22:5793 – 5805. AB-051 was used in the latter publication.

For in vitro use only.

For research use only.

Not for clinical use or consumption.

Not for diagnostic use.

Do not inject in humans or animals.