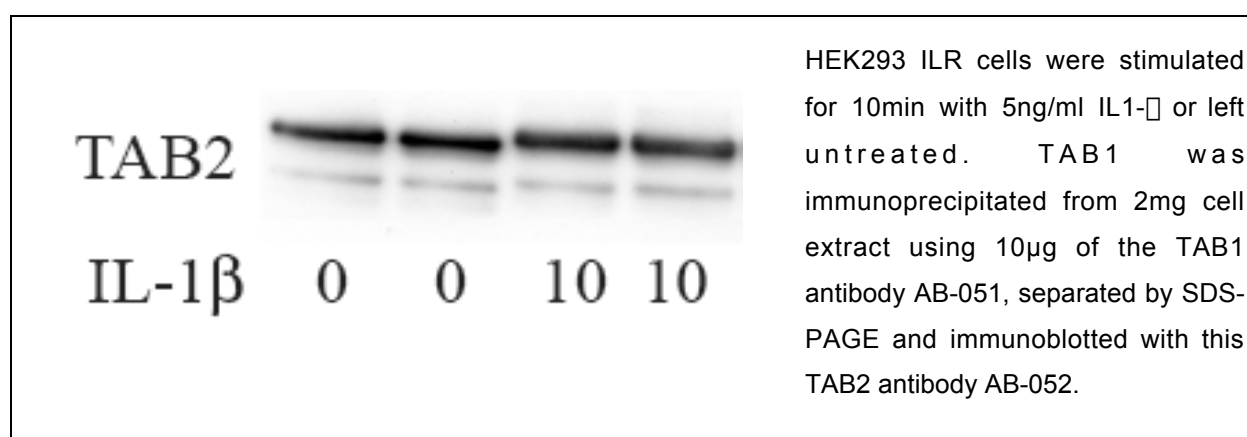


**Anti TAB2****Anti TAK1 binding protein 2****Order No. AB-052****Antibody concentration: 0.34 mg/ml****Amount per vial: 100µg****Lot No 1****Store at -20°C****Product description:**

Polyclonal, affinity purified antibody raised in sheep against GST-tagged human TAB2 (Acc. No. NP\_055908). The preparation was further depleted over a TAB1, a TAB3 and a GST-column to remove unspecific antibodies. Recognizes human and mouse, other species not tested.

**Applications:** Western blotting\* and Immunoprecipitation. \*TAB2 is of 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**

TAB2 and TAB3 are adaptor proteins linking the TGF- $\beta$  activated kinase 1 (TAK1) to upstream adaptor proteins of the TRAF-family, thereby mediating cytokine induced TAK1 activation (Besse et al., 2007 J. Biol. Chem. 282: 3918-3928). TAB2 itself is regulated by phosphorylation catalysed by one or more unidentified kinases (Mendoza et al., 2008 Biochem. J. 409:711-722. AB-052 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.