

Anti TAB2 pSer524

Anti TAK1 binding protein 2 pSer524

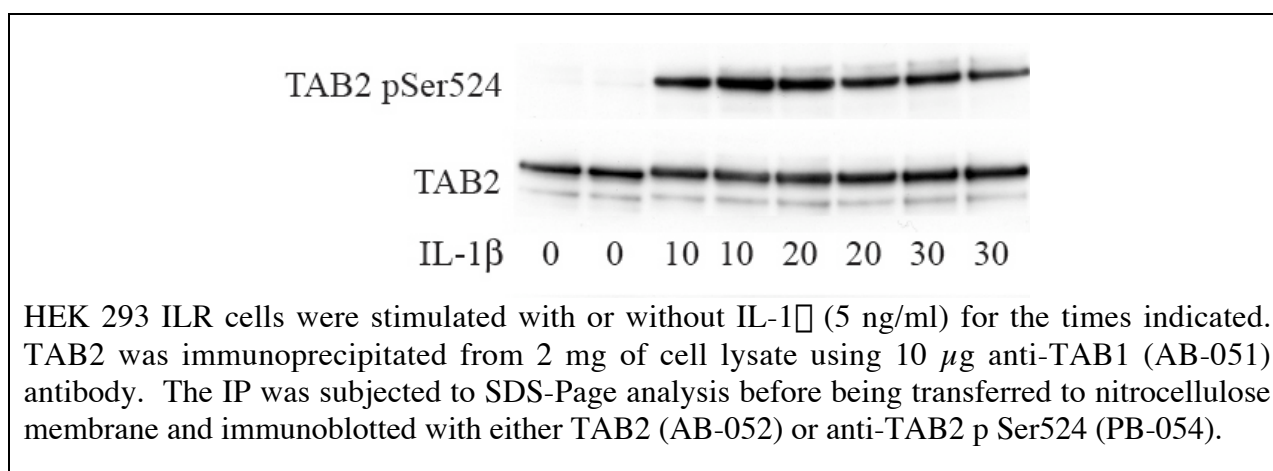
Order No. PB-054

Antibody concentration: 0.24 mg/ml

Amount per vial: 100µg

Lot No 1

Store at -20°C



Product description:

Polyclonal, affinity purified antibody raised in sheep against the peptide RKLpSMGSDD resembling residues 521 – 529 of human TAB2 (Acc. No. NP_055908), phosphorylated at Ser524. Recognizes human and mouse, other species not tested.

Applications: Western blotting. TAB2 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 and 5µg/ml dephosphopeptide (PT-054 comes with the Ab) in western blocking buffer for 4h to 16h 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.

Background information

TAB2 and TAB3 are adaptor proteins linking the TGF- β 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 on Ser372 and Ser524 catalysed by one or more unidentified kinases (Mendoza et al., 2008 Biochem. J. 409:711-722).

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.