

Product: Anti-ASK1 (CT) (MAPKKK5)
Catalog #: 12-1151
Amount: 25 mg

CATEGORY:
DESCRIPTION:

Rabbit Polyclonal

A novel MAP kinase kinase kinase (MAPKKK) was recently identified and designated ASK1 (apoptosis signal-regulating kinase 1) and MAPKKK5. ASK1 activated two different subgroups of MAPKK, MKK4 and MKK6, which in turn activated c-jun N-terminal kinase (JNK) and p38 MAP Kinase, respectively. ASK1/MAPKKK5 is activated by TNFR and Fas through the interaction with members of the TRAF family and Fas-associated protein Daxx. Overexpression of ASK1 induced apoptotic cell death, and a catalytically inactivated form of ASK1 inhibited TNF- α -induced apoptosis. ASK1 is expressed in variety of human and mouse tissues.

FORM:
IMMUNOGEN:

Purified IgG in PBS containing 0.02% Sodium Azide
A peptide corresponding to amino acids 1356 to 1375 of human ASK1. The sequence is different from that of mouse by last two amino acids.

APPLICATION:
REACTIVITY/SPECIES:
RECOMMENDED FOR POSITIVE CONTROL:

Immunoblotting (min. dilution 1:500)
Human

STORAGE:

whole cell lysate from SW1353 cells (155 kDa band should be detected)
2-8°C for immediate use, or at -20°C (aliquot)

12-1151P Blocking peptide available

REFERENCES:

Ichijo, H. et al. (1997) *Science* **275**: 90-94
Wang, XS. et al. (1996) *J Biol Chem* **271**: 31607-31611
Tobiume, K. et al. (1997) *Biochem Biophys Res Commun.* **239**: 905-910

This product is sold for laboratory research use or further manufacturing only and should not be used for human therapeutic or diagnostic applications. The information presented is believed to be accurate; however, said information and products are offered without warranty or guarantee since the ultimate conditions of use and the variability of the materials treated are beyond our control. Nothing disclosed herein is to be construed as a recommendation to use our products in violation of any patents. Under no circumstances shall ARP American Research Products, Inc. be liable for damages, whether consequential, compensatory, incidental or special, strict liability or negligence, breach of warranty or any other theory arising out of the use of the products available from ARP American Research Products, Inc. Nothing contained herein warrants that the use of the products will not infringe on the claims of any patents covering the product itself or the use thereof in combination with other products or in the operation of any process.