

Anti- MAP3K7IP2 – Antibody

HGNC: 17075, FLJ21885, KIAA0733, TAB2

CATALOG NO.: XAV-8496

SPECIES REACTIVITY: Human

SIZE: 76kDa

BACKGROUND:

MAP3K7IP2 is an activator of MAP3K7/TAK1, which is required for the IL-1 induced activation of NF κ B and MAPK8/JNK. This protein forms a kinase complex with TRAF6, MAP3K7 and TAB1, thus serving as an adaptor linking MAP3K7 and TRAF6. This protein, TAB1, and MAP3K7 also participate in the signal transduction induced by TNFSF11/RANKI through the activation of the receptor activator of NF κ B (TNFRSF11A/RANK), which may regulate the development and function of osteoclasts. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. Transcript variant (1) encodes the longer isoform (1).

SOURCE:

Anti- MAP3K7IP2 polyclonal antibody produced in rabbits immunized with synthetic phosphopeptide corresponding peptide with internal ID P03393 of human MAP3K7IP2. Rabbit Ig G is purified by peptide affinity chromatography method.

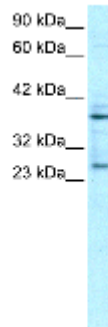
APPLICATION:

This polyclonal antibody can be used for the detection of synthetic phosphopeptide corresponding peptide with internal ID P03393 of human MAP3K7IP2 by Immunoblot and Immunohistochemistry; Western blot at a suggested dilution at 0.5-6.0 ug/ml in 5% skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as second antibody. Suggested starting concentrations are provided. Optimal dilutions should be determined by end-user. Differences in calculated versus apparent molecular weight may be due to post-

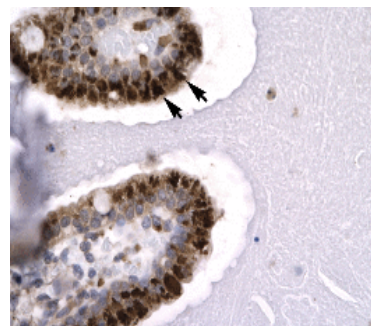
translational modifications or protein hydrophobicity. **This product is for research use only.**

STORAGE:

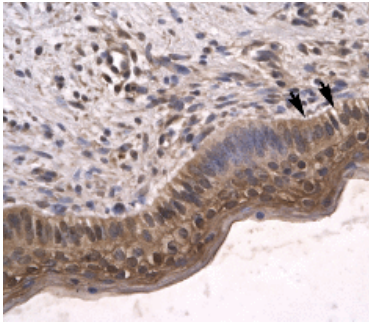
Antibody is lyophilized in PBS buffer with 2% sucrose. Add 100 ul of distilled water. Final antibody concentration is 1 mg/ml. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycle.



Western blot analysis of MAP3K7IP2 in HepG2 cell lysate using anti- MAP3K7IP2 (Catalog No. XAV-8496).



Immunohistochemistry of MAP3K7IP2 in human intestine paraffin embedded tissue using anti- MAP3K7IP2 (Catalog No. XAV-8496) at 4.0-8.0 μ g/ml.



Immunohistochemistry of
MAP3K7IP2 in human
spermatophore paraffin
embedded tissue using
anti- MAP3K7IP2
(Catalog No. XAV-8496)
at 4.0-8.0 µg/ml.

REFERENCES:

Kanayama, A., et al. (2004) Mol. Cell 15 (4), 535-548