

Anti-Che-1 (AATF) (Ser477) Antibody

Our Anti-Che-1 (AATF) (Ser477) rabbit polyclonal phosphospecific primary antibody from PhosphoSoluti
Catalog # AN1336

Specification

Anti-Che-1 (AATF) (Ser477) Antibody - Product Information

Primary Accession	O9NY61
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	63133

Anti-Che-1 (AATF) (Ser477) Antibody - Additional Information

Gene ID **26574**

Other Names

AATF antibody, AATF_HUMAN antibody, Apoptosis antagonizing transcription factor antibody, Apoptosis-antagonizing transcription factor antibody, BFR2 antibody, CHE 1 antibody, CHE1 antibody, DED antibody, Protein AATF antibody, Rb binding protein Che 1 antibody, Rb-binding protein Che-1 antibody

Target/Specificity

Che-1, also known as AATF (apoptosis-antagonizing transcription factor), is a RNA polymerase II-binding protein involved in regulating the transcription factor E2F and promoting cell cycle progression (Burgdorf et al., 2004). It has been suggested that Che-1 may act as a neuroprotective factor against Abeta-induced apoptosis by suppressing the production of reactive oxidative species (Xie et al., 2004). The checkpoint kinase Chk2 has been shown to phosphorylate Che-1 at Ser-477 contributing to the maintenance of the G2/M checkpoint induced by DNA damage (Bruno et al., 2006).

Format

Antigen Affinity Purified from Pooled Serum

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Anti-Che-1 (AATF) (Ser477) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping

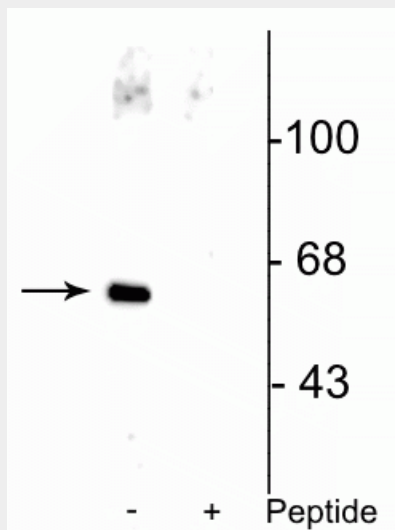
Blue Ice

Anti-Che-1 (AATF) (Ser477) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Che-1 (AATF) (Ser477) Antibody - Images



Western blot of HeLa cell lysate showing specific immunolabeling of the ~66 kDa Che-1 protein phosphorylated at Ser477 in the first lane (-). Phosphospecificity is shown in the second lane (+) where immunolabeling is blocked by preadsorption of the phosphopeptide used as the antigen, but not by the corresponding non-phosphopeptide (not shown).

Anti-Che-1 (AATF) (Ser477) Antibody - Background

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