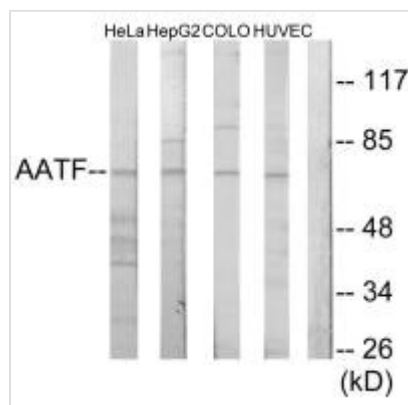




AATF Antibody

Product Code	CSB-PA970851
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q9NY61
Immunogen	Synthesized peptide derived from N-terminal of Human AATF.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of total AATF protein.
Tested Applications	ELISA,WB;WB:1:500-1:3000
Relevance	May function as a general inhibitor of the histone deacetylase HDAC1. Binding to the pocket region of RB1 may displace HDAC1 from RB1/E2F complexes, leading to activation of E2F target genes and cell cycle progression. Conversely, displacement of HDAC1 from SP1 bound to the CDKN1A promoter leads to increased expression of this CDK inhibitor and blocks cell cycle progression. Also antagonizes PAWR mediated induction of aberrant amyloid peptide production in Alzheimer disease (presenile and senile dementia), although the molecular basis for this phenomenon has not been described to date. Lindfors K., Biochem. Biophys. Res. Commun. 276:660-666(2000). Fanciulli M., FASEB J. 14:904-912(2000). Di Padova M., J. Biol. Chem. 278:36496-36504(2003).
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	CHE-1; CHE1; DED; apoptosis antagonizing transcription factor;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	AATF
Image	



Western blot analysis of extracts from HeLa cells, HepG2 cells, COLO205 cells and HUVEC cells, using AATF antibody.