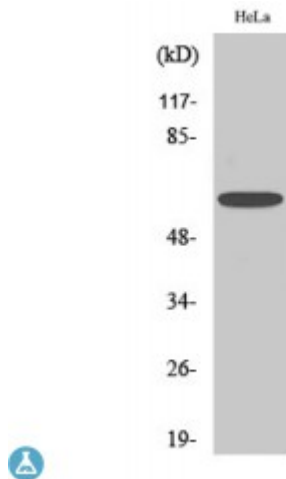


Anti-Che-1 antibody



Description	Rabbit polyclonal to Che-1.
Model	STJ92259
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human Che-1
Immunogen Region	10-90 aa, N-terminal
Gene ID	26574
Gene Symbol	AATF
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:10000
Specificity	Che-1 Polyclonal Antibody detects endogenous levels of Che-1 protein.
Tissue Specificity	Ubiquitously expressed. Expressed at high levels in brain, heart, kidney, placenta and thymus.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Protein AATF Apoptosis-antagonizing transcription factor Rb-binding protein Che-1
Molecular Weight	63 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:19235OMIM:608463
Alternative Names	Protein AATF Apoptosis-antagonizing transcription factor Rb-binding protein Che-1
Function	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.
Cellular Localization	Nucleus, nucleolus
Post-translational Modifications	Hyperphosphorylated during the G1/S phase transition.