



APTX rabbit pAb

Cat No.:ES11441

For research use only

Overview

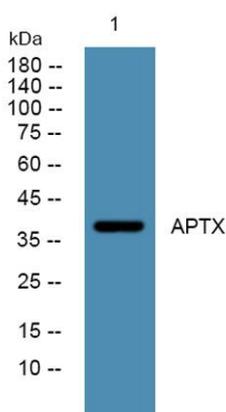
Product Name	APTX rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human protein . at AA range: 11-60
Specificity	APTX Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Aprataxin (EC 3.-.-) (Forkhead-associated domain histidine triad-like protein) (FHA-HIT)
Gene Name	APTX AXA1
Cellular localization	Nucleus, nucleoplasm . Nucleus, nucleolus . Upon genotoxic stress, colocalizes with XRCC1 at sites of DNA damage (PubMed:15380105). Colocalizes with MDC1 at sites of DNA double-strand breaks (PubMed:20008512). Interaction with NCL is required for nucleola
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	39kD
Human Gene ID	54840
Human Swiss-Prot Number	Q7Z2E3
Alternative Names	
Background	aprataxin(APTX) Homo sapiens This gene encodes a member of the histidine triad (HIT) superfamily. The encoded protein may play a role in





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single-stranded DNA repair through its nucleotide-binding activity and its diadenosine polyphosphate hydrolase activity. Mutations in this gene have been associated with ataxia-ocular apraxia. Alternatively spliced transcript variants have been identified for this gene.[provided by RefSeq, Aug 2010],



Western blot analysis of lysates from HCT116 cells,
primary antibody was diluted at 1:1000, 4° over night



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