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Rabbit Anti-HAP40 antibody

SL11696R

Product Name:	HAP40
Chinese Name:	舞蹈症相关蛋白40/凝血因子8相关蛋白/第八因子相关蛋白抗体
Alias:	F8a; Coagulation factor 8 associated (intronic transcript) 1; Coagulation factor VIII associated (intronic transcript) 1; CpG island protein; DXS522E; F8a; F8A1; F8A2; F8A3; Factor 8 associated protein; Factor 8 intron 22 protein; Factor VIII associated protein; Factor VIII intron 22 protein; huntingtin associated protein 40; F8I2_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500(Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	39kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human HAP40:2-80/371/371
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene is part of a region that is repeated three times on chromosome X, once in intron 22 of the F8 gene and twice closer to the Xq telomere. This record represents the middle copy. Although its function is unknown, the observation that this gene is conserved in the mouse implies it has some function. Unlike factor VIII, this gene is

transcribed abundantly in a wide variety of cell types. [provided by RefSeq, Jul 2008]

Function:
Huntington's disease is caused by an expanded CAG trinucleotide repeat coding for a polyglutamine stretch within the huntingtin protein. Huntingtin co-purifies with a single novel 40 kDa protein designated HAP40. Recombinant HAP40 is cytoplasmic in the presence of huntingtin but is actively targeted to the nucleus in the absence of huntingtin. These observations suggest that HAP40 contributes to the function of normal huntingtin and is a candidate for involvement in the aberrant nuclear localization of mutant huntingtin found in degenerating neurons in Huntington's disease.

Subcellular Location:
Nuclear.

SWISS:
P23610

Gene ID:
474383

Database links:

Entrez Gene: 474383 Human

Entrez Gene: 474384 Human

Entrez Gene: 8263 Human

Omim: 305423 Human

SwissProt: P23610 Human

Unigene: 533543 Human

Unigene: 731793 Human

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.