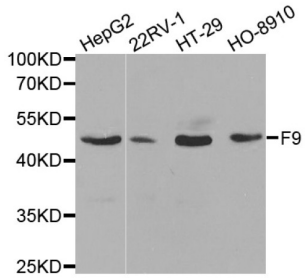
Coagulation Factor IX (F9) Antibody

Catalogue No.:abx001329



Western blot analysis of extracts of various cell lines, using F9 antibody (abx001329) at 1/1000 dilution.

F9 Antibody is a Rabbit Polyclonal antibody against F9. This gene encodes vitamin K-dependent coagulation factor IX that circulates in the blood as an inactive zymogen. This factor is converted to an active form by factor XIa, which excises the activation peptide and thus generates a heavy chain and a light chain held together by one or more disulfide bonds. The role of this activated factor IX in the blood coagulation cascade is to activate factor X to its active form through interactions with Ca+2 ions, membrane phospholipids, and factor VIII. Alterations of this gene, including point mutations, insertions and deletions, cause factor IX deficiency, which is a recessive X-linked disorder, also called hemophilia B or Christmas disease. [provided by RefSeq, Jul 2008].

Target:	Coagulation Factor IX (F9)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	WB, IF/ICC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/1000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 29-192 of human Factor IX / F9.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

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UniProt Primary AC:	P00740 (UniProt, ExPASy)
Gene Symbol:	F9
GeneID:	2158
NCBI Accession:	NP_000124.1
KEGG:	hsa:2158
String:	9606.ENSP00000218099
Molecular Weight:	Calculated MW: 52 kDa Observed MW: 52/66 kDa
Buffer:	PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	This product is for research use only.

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