ANXA9 Antibody

Catalog No: #36108

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Description

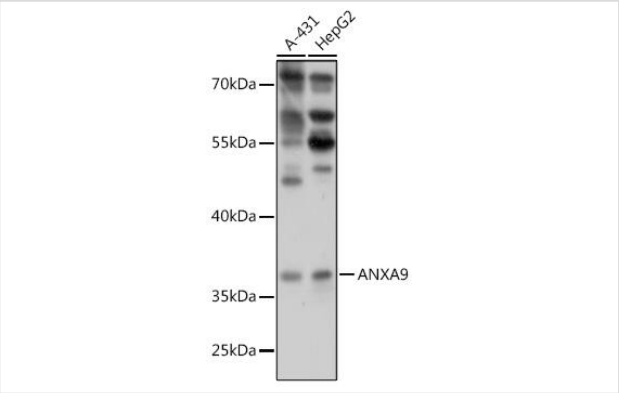
Product Name	ANXA9 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ANXA9 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	ANXA9
Other Names	ANX31
Accession No.	Swiss-Prot#: O76027NCBI Gene ID: 8416Gene Accssion: BC005830
Uniprot	O76027
GeneID	8416;
SDS-PAGE MW	38kd
Concentration	4 mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:50-1:200

Images



Western blot analysis of extracts of various cell lines, using ANXA9 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 5s.

Background

The annexins are a family of calcium-dependent phospholipid-binding proteins. Members of the annexin family contain 4 internal repeat domains, each

of which includes a type II calcium-binding site. The calcium-binding sites are required for annexins to aggregate and cooperatively bind anionic phospholipids and extracellular matrix proteins. This gene encodes a divergent member of the annexin protein family in which all four homologous type II calcium-binding sites in the conserved tetrad core contain amino acid substitutions that ablate their function. However, structural analysis suggests that the conserved putative ion channel formed by the tetrad core is intact.

Note: This product is for in vitro research use only