

Rabbit Lubricin Polyclonal Antibody | anti-PRG4 antibody

Lubricin Antibody

CATALOG # AAA328945	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA
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PRODUCT SYNONYMS

Lubricin; Polyclonal Antibody; Lubricin Antibody; Articular superficial zone protein; bG174L6.2; CACP; Camptodactyly arthropathy coxa vara pericarditis syndrome gene; FLJ32635; HAPO; Jacobs camptodactyly arthropathy pericarditis syndrome gene; JCAP; Megakaryocyte stimulating factor; MSF; PRG 4; PRG4; Proteoglycan 4; Proteoglycan4; Superficial zone proteoglycan; SZP; anti-PRG4 antibody

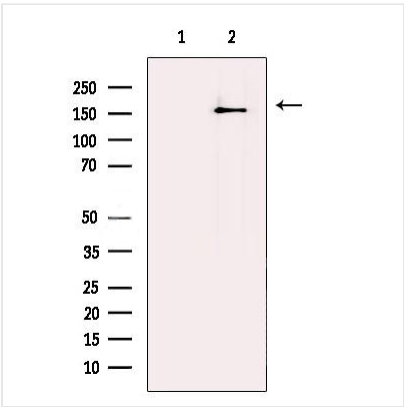
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Lubricin Antibody detects endogenous levels of total Lubricin.
Purity/Purification	Peptide affinity purification.
Form/Format	Phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	1363
Applicable Applications for anti-PRG4 antibody	ELISA
Immunogen	A synthesized peptide derived from human Lubricin, corresponding to a region within C-terminal amino acids.
Fragment	Fab fragment
IMPORTANT	For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohiostchemistry)
AAA328945 at 1/100 staining Mouse muscle tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from Human liver, using Lubricin Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-PRG4 antibody	Plays a role in boundary lubrication within articulating joints. Prevents protein deposition onto cartilage from synovial fluid by controlling adhesion-dependent synovial growth and inhibiting the adhesion of synovial cells to the cartilage surface.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	735997424
NCBI GeneID	10216
NCBI Accession #	NP_001121180.2
NCBI GenBank Nucleotide #	NP_001121180.2
UniProt Accession #	Q92954
Molecular Weight	151 kDa
NCBI Official Full Name	proteoglycan 4 isoform B preproprotein
NCBI Official Synonym Full Names	proteoglycan 4
NCBI Official Symbol	PRG4
NCBI Official Synonym Symbols	MSF; SZP; CACP; HAPO; JCAP
NCBI Protein Information	proteoglycan 4
UniProt Protein Name	Proteoglycan 4
UniProt Gene Name	PRG4
UniProt Synonym Gene Names	MSF; SZP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.