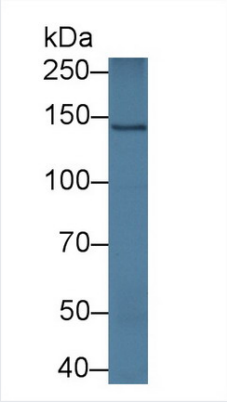
Caspase 11 (CASP11) Antibody – Rabbit Polyclonal

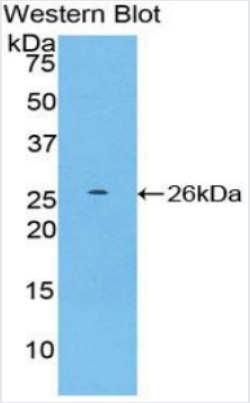
PRODUCT OVERVIEW

Product Name	Caspase 11 (CASP11), Polyclonal Antibody
Full Product Name	Polyclonal Antibody to Caspase 11 (CASP11)
Product Gene Name	anti-CASP11 antibody
Immunogen Sequence	Antigen: The target protein is fused with two N-terminal Tags, His-tag and T7-tag and its sequence is listed below. MGSSHHHHHH SSGLVPRGSH MASMTGGQQM GRGS- RL RTKSKSSSFG RNERDNYSPR WKERWTNDGW RCPRGNDRYR RNDSEKQNEN TRNEKNDITA DSNDPSSTDK HRSDCPSWVT EKINSGPDPR TRNPEKLKDS HWEENRNENS GNSWTKNFGP GWMSSRGRGG RGKGAYRGNF ACNDQSENRW QSRTPLSGSD SFKSAEQQPS
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN3,50% glycerol.
Purity/Purification	Affinity Chromatography
Concentration	500ug/mL (lot specific)
Specificity	The antibody is a rabbit polyclonal antibody raised against CASP11. It has been selected for its ability to recognize CASP11 in immunohistochemical staining andwestern blotting.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Matching Pairs	Unconjugated Antibody: CASP11 (MBS2014633) Immunogen: CASP11 (MBS2018509)
Matching Pairs	Unconjugated Antibody: CASP11 (MBS2014633) APC-CY7 Conjugated Antibody: CASP11 (MBS2037607)
Matching Pairs	Unconjugated Antibody: CASP11 (MBS2014633) PE Conjugated Antibody: CASP11 (MBS2037608)
Matching Pairs	Unconjugated Antibody: CASP11 (MBS2014633) APC Conjugated Antibody: CASP11 (MBS2037609)
Matching Pairs	Unconjugated Antibody: CASP11 (MBS2014633) Cy3 Conjugated Antibody: CASP11 (MBS2037610)
Matching Pairs	Unconjugated Antibody: CASP11 (MBS2014633) FITC Conjugated Antibody: CASP11 (MBS2037611)
Matching Pairs	Unconjugated Antibody: CASP11 (MBS2014633) HRP Conjugated Antibody: CASP11 (MBS2037612)
Matching Pairs	Unconjugated Antibody: Caspase 11 (CASP11) (MBS2014633) APC-CY7 Conjugated Secondary Antibody: Immunoglobulin G (MBS2090675)
Matching Pairs	Unconjugated Antibody: Caspase 11 (CASP11) (MBS2014633) Unconjugated Secondary Antibody: Immunoglobulin G (MBS2090678)
Matching Pairs	Unconjugated Antibody: CASP11 (MBS2014633) Biotin Conjugated Antibody: CASP11 (MBS2091536)
Molecular Weight	162,100 Da

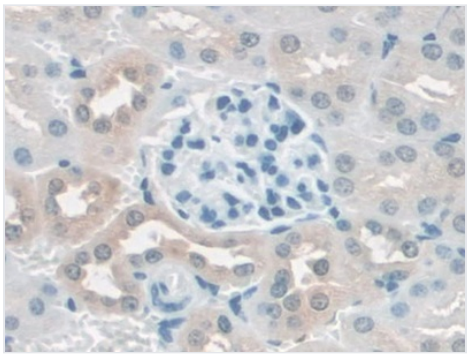
3D Structure	ModBase 3D Structure for E9PZM7
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Immunogen	Recombinant CASP11 (Arg969~Trp1165) expressed in E.coli.
Cross Reactivity	Mouse
Conjugated Antibody	The APC conjugated antibody version of this item is also available as catalog #MBS2037609
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-CASP11 antibody	Immunocytochemistry (ICC), Immunohistochemistry (IHC) - Formalin/Paraffin, ELISA (EIA), Western Blot (WB)
Application Notes for anti-CASP11 antibody	Western blotting: 1:100-400 Immunocytochemistry in formalin fixed cells: 1:100-500 Immunohistochemistry in formalin fixed frozen section: 1:100-500 Immunohistochemistry in paraffin section: 1:50-200 Enzyme-linked Immunosorbent Assay: 1:100-200
Related Product Information for anti-CASP11 antibody	MBS2014633 is an antibody targeting CASP11. Also known as Polyclonal Antibody to Caspase 11 (CASP11). Reactive in Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-CASP11 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-CASP11 antibody
Western Blot: Sample: Mouse Lung lysate; Primary Ab: 1ug/ml Rabbit Anti-Mouse CASP11 Antibody;Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;



Western Blot (WB) of anti-CASP11 antibody
Western Blot: Sample: Recombinant protein.



Immunohistochemistry (IHC) of anti-CASP11 antibody
DAB staining on IHC-P; Samples: Mouse Kidney Tissue)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CASP11. It may not necessarily be applicable to this product.

NCBI GI #	117647277
NCBI GeneID	72193
NCBI Accession #	NP_082424.2
UniProt Primary Accession #	E9PZM7
GenBank Nucleotide #	NM_028148.2
NCBI Official Full Name	protein SCAF11
NCBI Official Synonym Full Names	SR-related CTD-associated factor 11
NCBI Official Symbol	Scaf11
NCBI Official Synonym Symbols	SIP1; CASP11; SRRP129; Sfrs2ip; Srsf2ip; AI462454; mKIAA3013; 1110061H03Rik; 2610510E10Rik
UniProt Protein Name	SR-related CTD-associated factor 11
UniProt Synonym Protein Names	SR-related CTD-associated factor 11
UniProt Gene Name	Scaf11
NCBI Protein Information	protein SCAF11
UniProt Comments for CASP11	SFRS2IP: Plays a role in pre-mRNA alternative splicing by regulating spliceosome assembly. 2 isoforms of the human protein are produced by alternative splicing. Protein type: RNA processing; RNA splicing; RNA-binding Chromosomal Location of Human Ortholog: 15|15 F1 Cellular Component: nuclear body; nucleolus; nucleoplasm; nucleus Molecular Function: RNA binding Biological Process: RNA splicing; RNA splicing, via transesterification reactions; spliceosomal complex assembly
Research Articles on CASP11	**1.** Priming the caspase-11 pathway in vivo resulted in extreme sensitivity to subsequent LPS challenge in both wild-type and Tlr4-deficient mice, whereas Casp11-deficient mice were relatively resistant.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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