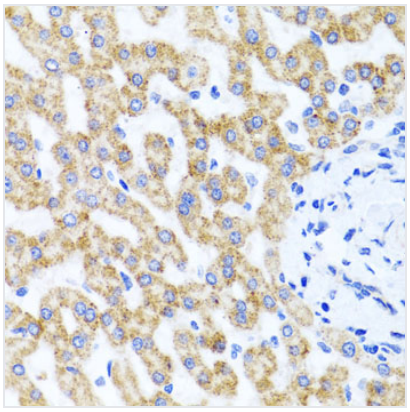
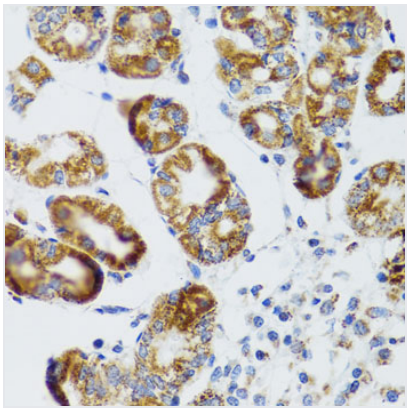
RIPK4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

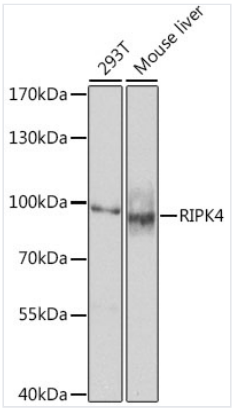
Product Name	RIPK4, Polyclonal Antibody
Full Product Name	RIPK4 Rabbit Polyclonal Antibody
Product Gene Name	anti-RIPK4 antibody
Product Synonym Names	RIPK4; ANKK2; ANKRD3; DIK; NKRD3; PKK; PPS2; RIP4
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purity/Purification	Affinity purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	86,441 Da
OMIM	phenotype 605706
3D Structure	ModBase 3D Structure for P57078
Immunogen	Recombinant fusion protein of human RIPK4 (NP_065690.2).
Product Categories/Family for anti-RIPK4 antibody	Primary Antibody
Applications Tested/Suitable for anti-RIPK4 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-RIPK4 antibody	WB: 1:500-1:2000 IHC: 1:100-1:200
Related Product Information for anti-RIPK4 antibody	The protein encoded by this gene is a serine/threonine protein kinase that interacts with protein kinase C-delta. The encoded protein can also activate NFkappaB and is required for keratinocyte differentiation. This kinase undergoes autophosphorylation.
Other Notes	Small volumes of anti-RIPK4 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.
Searchable Terms for RIPK4 purchase	MBS9466542 is an antibody targeting RIPK4. Also known as RIPK4 Rabbit Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit.



Immunohistochemistry (IHC) of anti-RIPK4 antibody
Immunohistochemistry of paraffin-embedded human liver damage using RIPK4 at dilution of 1:100 (40x lens).



Immunohistochemistry (IHC) of anti-RIPK4 antibody
Immunohistochemistry of paraffin-embedded human stomach using RIPK4 at dilution of 1:100 (40x lens).



Western Blot (WB) of anti-RIPK4 antibody
Western blot analysis of extracts of various cell lines, using RIPK4 at 1:1000 dilution.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RIPK4. It may not necessarily be applicable to this product.

NCBI GI #	41327754
NCBI GeneID	54101
NCBI Accession #	NP_065690.2
UniProt Primary Accession #	P57078
UniProt Secondary Accession #	Q96KH0
UniProt Related Accession #	P57078
GenBank Nucleotide #	NM_020639.2
NCBI Official Full Name	receptor-interacting serine/threonine-protein kinase 4
NCBI Official Synonym Full Names	receptor-interacting serine-threonine kinase 4
NCBI Official Symbol	RIPK4
NCBI Official Synonym Symbols	DIK; PKK; PPS2; RIP4; ANKK2; NKRD3; ANKRD3
UniProt Protein Name	Receptor-interacting serine/threonine-protein kinase 4
UniProt Synonym Protein Names	Ankyrin repeat domain-containing protein 3; PKC-delta-interacting protein kinase
Protein Family	Receptor-interacting serine/threonine-protein kinase
UniProt Gene Name	RIPK4

UniProt Synonym Gene Names	ANKRD3; DIK
UniProt Entry Name	RIPK4_HUMAN
NCBI Protein Information	receptor-interacting serine/threonine-protein kinase 4; protein kinase C-associated kinase; PKC-delta-interacting protein kinase; serine/threonine-protein kinase ANKRD3; ankyrin repeat domain-containing protein 3
UniProt Comments for RIPK4	ANKRD3: a TKL protein kinase of the RIPK family. Activates NFkappaB when overexpressed in cell lines and is required for keratinocyte differentiation in vivo. Appears to activate NFkappaB in both a kinase-dependent as well as a kinase-independent manner. Contains 10 ANK repeats. Two alternatively spliced isoforms have been described. Protein type: Protein kinase, Ser/Thr (non-receptor); EC 2.7.11.1; Protein kinase, TKL; Kinase, protein; TKL group; RIPK family Chromosomal Location of Human Ortholog: 21q22.3 Cellular Component: membrane; cytoplasm; nucleus Molecular Function: protein serine/threonine kinase activity; protein binding; ATP binding Biological Process: morphogenesis of an epithelium; protein amino acid phosphorylation; activation of NF-kappaB transcription factor Disease: Popliteal Pterygium Syndrome, Lethal Type
Research Articles on RIPK4	**1.** phosphorylation of DVL2 by RIPK4 favored canonical Wnt signaling; findings suggest that RIPK4 overexpression may contribute to the growth of certain tumor types
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