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anti-BIRC7 antibody (AA 101-200)

Images

Publications



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Quantity:	100 μL
Target:	BIRC7
Binding Specificity:	AA 101-200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BIRC7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)),
	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded
	Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Livin	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Predicted Reactivity:	Dog,Cow	
Purification:	Purified by Protein A.	

Target Details

Target: BIRC7

Target Details

Alternative Name:	Livin (PIDC7 Products)
Alternative Name:	Livin (BIRC7 Products)
Background:	Synonyms: KIAP, LIVIN, MLIAP, RNF50, ML-IAP, Baculoviral IAP repeat-containing protein 7,
	Kidney inhibitor of apoptosis protein, Melanoma inhibitor of apoptosis protein, RING finger
	protein 50, BIRC7, UNQ5800/PR019607/PR021344
	Background: Apoptotic regulator capable of exerting proapoptotic and anti-apoptotic activities
	and plays crucial roles in apoptosis, cell proliferation, and cell cycle control. Its anti-apoptotic
	activity is mediated through the inhibition of CASP3, CASP7 and CASP9, as well as by its E3
	ubiquitin-protein ligase activity. As it is a weak caspase inhibitor, its anti-apoptotic activity is
	thought to be due to its ability to ubiquitinate DIABLO/SMAC targeting it for degradation thereb
	promoting cell survival. May contribute to caspase inhibition, by blocking the ability of
	DIABLO/SMAC to disrupt XIAP/BIRC4-caspase interactions. Protects against apoptosis
	induced by TNF or by chemical agents such as adriamycin, etoposide or staurosporine.
	Suppression of apoptosis is mediated by activation of MAPK8/JNK1, and possibly also of
	MAPK9/JNK2. This activation depends on TAB1 and NR2C2/TAK1. In vitro, inhibits CASP3 and
	proteolytic activation of pro-CASP9. Isoform 1 blocks staurosporine-induced apoptosis.
	Isoform 2 blocks etoposide-induced apoptosis. Isoform 2 protects against natural killer (NK)
	cell killing whereas isoform 1 augments killing.
Gene ID:	79444
UniProt:	Q96CA5
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL

Handling

Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.	
Expiry Date:	12 months	

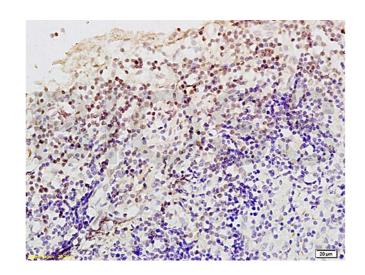
Publications

Product cited in:

Faruk, Ibrahim, Aminu, Adamu, Abdullahi, Suleiman, Rafindadi, Mohammed, Iliyasu, Idoko, Saidu, Randawa, Musa, Ntekim, Shah, Abubakar, Adoke, Manko, Awasum: "Prognostic significance of BIRC7/Livin, Bcl-2, p53, Annexin V, PD-L1, DARC, MSH2 and PMS2 in colorectal cancer treated with FOLFOX chemotherapy with or without aspirin." in: **PLoS ONE**, Vol. 16, Issue 1, pp. e0245581, (2021) (PubMed).

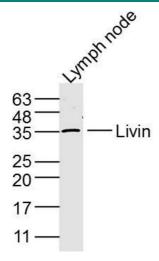
Zhang, Peng, Luo, Zhou: "Prospective experimental studies on the renal protective effect of ulinastatin after paraquat poisoning." in: **World journal of emergency medicine**, Vol. 3, Issue 4, pp. 299-304, (2014) (PubMed).

Images



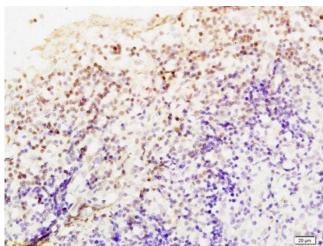
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded Human endometrium carcinoma labeled Anti-Livin Polyclonal Antibody, Unconjugated (ABIN672561) at 1:200, followed by conjugation to the secondary antibody and DAB staining



Western Blotting

Image 2. Mouse Lymph node lysates probed with Livin Polyclonal Antibody, Unconjugated at 1:300 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37°C.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin embedded Human endometrium carcinoma labeled Anti-Livin Polyclonal Antibody, Unconjugated at 1:200, followed by conjugation to the secondary antibody and DAB staining