

BIRC7 Antibody

Catalog No: #31094

Package Size: #31094-1 50ul #31094-2 100ul

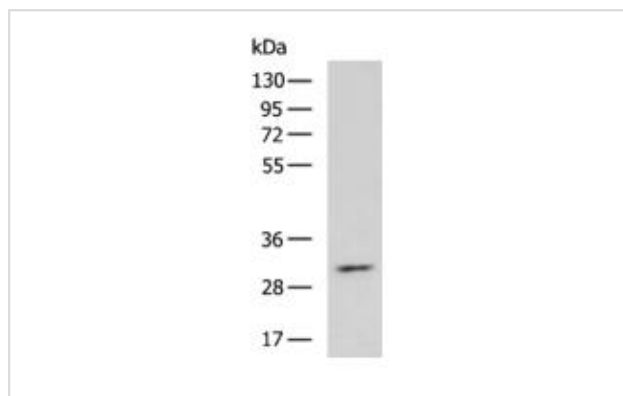
Description

Product Name	BIRC7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB IHC
Species Reactivity	Human, Mouse
Specificity	The antibody detects endogenous level of BIRC7 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein of human BIRC7
Conjugates	Unconjugated
Target Name	BIRC7
Other Names	baculoviral IAP repeat containing 7, KIAP, LIVIN, MLIAP, RNF50, ML-IAP
Concentration	1.1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C/1 year

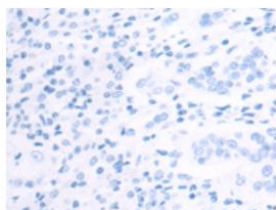
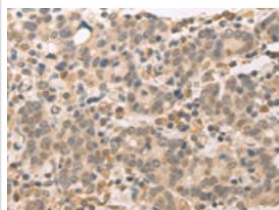
Application Details

WB 1:500 - 1:2000. IHC 1:50 - 1:200. ELISA 1:5000 - 1:10000.

Images



Gel: 8%SDS-PAGE Lysate: 40 ug Lane: Mouse adrenal gland tissue lysate
Primary antibody: at dilution 1/700 Secondary antibody: at 1/5000 dilution
Exposure time: 90 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue at dilution 1/75, on the right is treated with fusion protein. (Original magnification: 200)

Background

The protein encoded by this gene is a member of the family of inhibitor of apoptosis proteins (IAP) and contains a single copy of a baculovirus IAP repeat (BIR) as well as a RING-type zinc finger domain. The BIR domain is essential for inhibitory activity and interacts with caspases, while the RING finger domain sometimes enhances antiapoptotic activity but does not inhibit apoptosis alone. Two transcript variants encoding different isoforms have been found for this gene. The two isoforms have different antiapoptotic properties, with isoform alpha protecting cells from apoptosis induced by staurosporine and isoform b protecting cells from apoptosis induced by etoposide.?

Published Papers

et al., Androgen receptor-induced molecules and androgen contribute synergistically to male-predominance of hepatocellular carcinoma. In iScience on 2024 Jul 15 by Jiayi Zhao, Letian Fang, et al.. PMID:39156638, (2024)

[PMID:39156638](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.