Datasheet for ABIN7252003

anti-FKBPL antibody

2 Images

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Overview

Quantity:	200 µL
Target:	FKBPL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FKBPL antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Fusion protein of human FKBPL
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	FKBPL
Alternative Name:	FKBPL (FKBPL Products)
Background:	FKBPL,also named as DIR1,NG7 and WISp39,has similarity to the immunophilin protein family,which plays a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This protein is thought to have a potential role in the induced radioresistance,probably by increasing the rate of DNA repair in cells exposed to X rays. Also it

Target Details

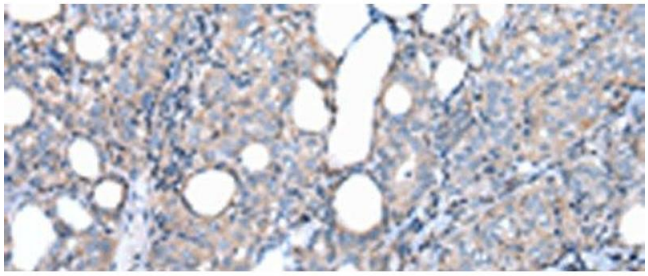
	appears to have some involvement in general stress response in the control of the cell cycle. It regulates p21 protein stability by binding to Hsp90 and p21. Breast cancer cells stably overexpressing FKBPL became dependent on estrogen for their growth and were dramatically more sensitive to the antiestrogens tamoxifen and fulvestrant,whereas FKBPL knockdown reverses this phenotype. FKBPL is an estrogen-inducible gene that acts as a cochaperone in ER α/Hsp90 Molecular complexes, furthermore,FKBPL levels may be both a prognostic indicator and determinant of response to endocrine therapy.
UniProt:	Q9UIM3

Application Details

Application Notes:	IHC 1:30-1:150, ELISA 1:2000-1:10000
Restrictions:	For Research Use only

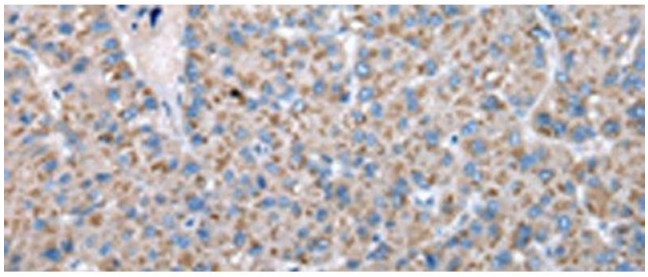
Handling

Format:	Liquid
Concentration:	1.3 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using FKBPL Polyclonal Antibody at dilution of 1:50(x200)



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Human liver cancer tissue using FKBPL Polyclonal Antibody at dilution of 1:50(x200)

