

Anti-CYFIP2 antibody

Cat. No.	ml122175
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-CYFIP2 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human CYFIP2
Reactivity	Human, Mouse
Content	0.6 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	CYFIP2
Full name	cytoplasmic FMR1 interacting protein 2
Synonyms	PIR121
Swissprot	Q96F07

Target Background

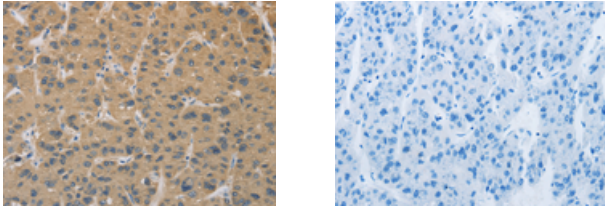
CYFIP2 (Cytoplasmic FMR1-interacting protein 2, p53-inducible protein 121) is a 1,278 amino acid protein encoded by the human gene CYFIP2. CYFIP2 belongs to the CYFIP family and is involved in T-cell adhesion and p53-dependent induction of apoptosis. It interacts with FMR1, FXR1 and FXR2 and is a component of the WAVE1 complex composed of Abi-2, CYFIP2, C3orf10/HSPC300, NAP125 and WASF1/WAVE1. Upon binding to activated Rac 1, CYFIP2 causes the complex to dissociate, releasing activated WASF1. The CYFIP2 promoter contains a p53-responsive element that confers p53 binding as well as transcriptional activation of a heterologous reporter. Induced expression of CYFIP2 is sufficient for caspase activation and cellular apoptosis, reminiscent of p53 activation.

订购热线: 4008-898-798

Applications

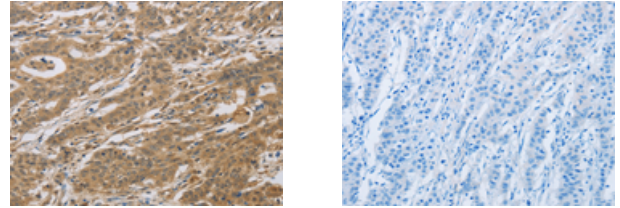
Immunohistochemistry

Predicted cell location: Cytoplasm
Positive control: Human liver cancer
Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml122175(CYFIP2 Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: ×200)

Predicted cell location: Cytoplasm
Positive control: Human gastric cancer
Recommended dilution: 50-200

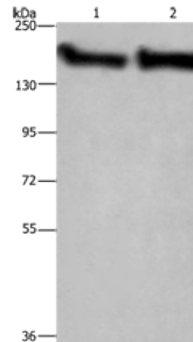


The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using ml122175(CYFIP2 Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: ×200)

Western blotting

Predicted band size: 148 kDa
Positive control: Mouse brain and human fetal brain tissue
Recommended dilution: 500-2000

Gel: 6%SDS-PAGE
Lysate: 40 µg
Lane 1-2: Mouse brain tissue, human fetal brain tissue
Primary antibody: ml122175(CYFIP2 Antibody) at dilution 1/300
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 2 minutes



ELISA

Recommended dilution: 2000-5000

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