


Product datasheet

Anti-EFTUD2 antibody ab92479

2 Images

Overview

<b>Product name</b>	Anti-EFTUD2 antibody
<b>Description</b>	Rabbit polyclonal to EFTUD2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse 
<b>Immunogen</b>	Synthetic peptide derived from internal region of human EFTUD2.
<b>Positive control</b>	HUVEC and 293 cells

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS, 150mM Sodium chloride, pH 7.4
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab92479** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		
ELISA		
IHC-P		

## Application notes

ELISA: 1/40,000.

IHC-P: 1/50 - 1/100.

WB: 1/500 - 1/1000. Predicted molecular weight: 109 kDa.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## Target

### Function

Component of the U5 snRNP complex required for pre-mRNA splicing. Binds GTP.

### Involvement in disease

Defects in EFTUD2 are the cause of mandibulofacial dysostosis with microcephaly (MFDM) [MIM:610536]. A rare syndrome characterized by progressive microcephaly, midface and malar hypoplasia, micrognathia, microtia, dysplastic ears, preauricular skin tags, significant developmental delay, and speech delay. Many patients have major sequelae, including choanal atresia that results in respiratory difficulties, conductive hearing loss, and cleft palate.

### Sequence similarities

Belongs to the GTP-binding elongation factor family. EF-G/EF-2 subfamily.

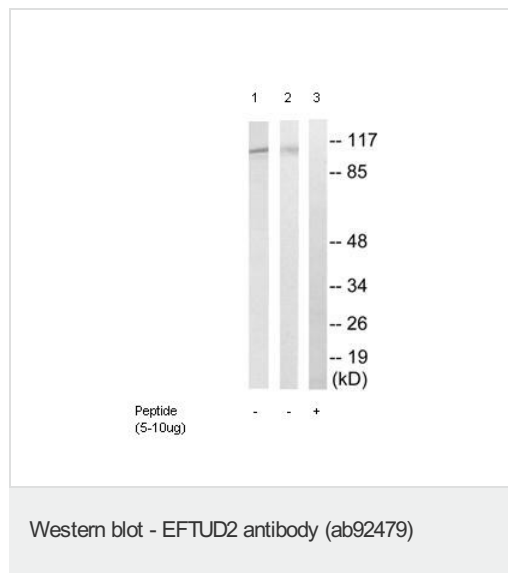
### Post-translational modifications

Phosphorylated upon DNA damage, probably by ATM or ATR.

### Cellular localization

Nucleus.

## Images



**All lanes** : Anti-EFTUD2 antibody (ab92479)  
at 1/500 dilution

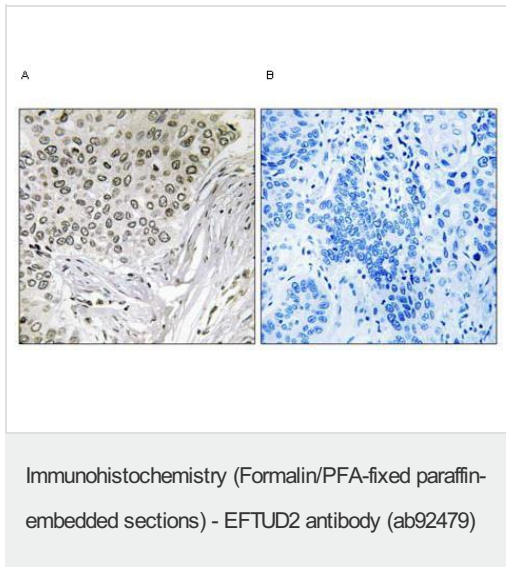
**Lane 1** : HUVEC cells  
(-peptide)

**Lane 2** : 293 cells  
(-peptide)

**Lane 3** : HUVEC cells  
(+peptide)

Lysates/proteins at 30 µg per lane.

**Predicted band size:** 109 kDa



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using ab92479 A) - peptide B) + peptide

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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