

Product datasheet

Lunatic Fringe overexpression 293T lysate (whole cell)  
ab94182

2 Images

Overview

<b>Product name</b>	Lunatic Fringe overexpression 293T lysate (whole cell)
<b>General notes</b>	ab94182 is a 293T cell transfected lysate in which Human Lunatic Fringe has been transiently over-expressed using a pCMV-Lunatic Fringe plasmid. The lysate is provided in 1 x Sample Buffer. <b>Note:</b> For more details about how the transfected lysate was prepared <a href="#">view preparation notes</a>
<b>Tested applications</b>	<b>Suitable for:</b> WB

Properties

<b>Mycoplasma free</b>	Yes
<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine)
<b>Background</b>	Function: Glycosyltransferase that initiates the elongation of O-linked fucose residues attached to EGF-like repeats in the extracellular domain of Notch molecules. Decreases the binding of JAGGED1 to NOTCH2 but not that of DELTA1. Essential mediator of somite segmentation and patterning. Disease: Defects in LFNG are the cause of spondylocostal dysostosis type 3 (SCDO3) [MIM:609813]. An autosomal recessive condition of variable severity associated with vertebral and rib segmentation defects. The main skeletal malformations include fusion of vertebrae, hemivertebrae, fusion of certain ribs, and other rib malformations. Deformity of the chest and spine (severe scoliosis, kyphoscoliosis and lordosis) is a natural consequence of the malformation and leads to a dwarf-like appearance. As the thorax is small, infants frequently have respiratory insufficiency and repeated respiratory infections resulting in life-threatening complications in the first year of life. Similarity: Belongs to the glycosyltransferase 31 family. PTM: A soluble form may be derived from the membrane form by proteolytic processing.

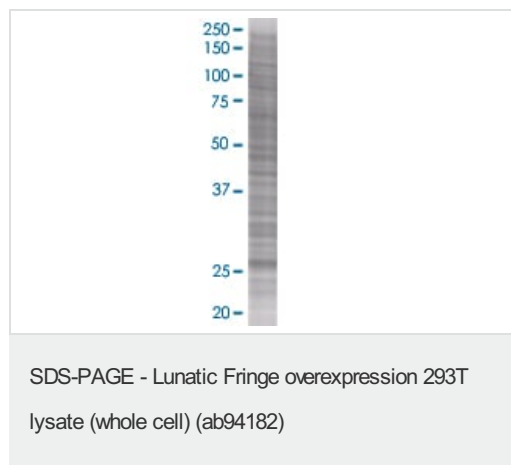
Applications

**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of **ab94182** in the following tested applications.

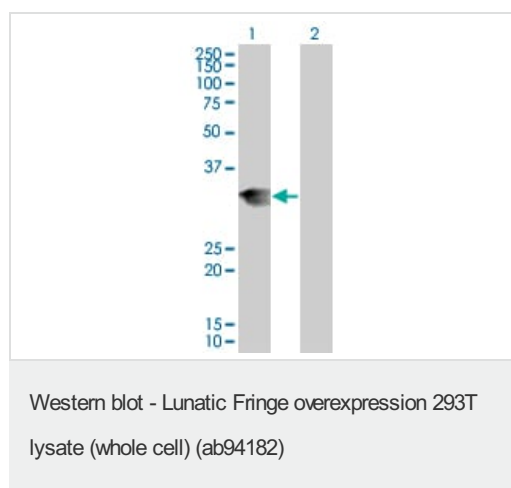
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent dilution.

## Images



ab94182 at 15µg/lane on an SDS-PAGE gel.



**All lanes** : Anti-Lunatic Fringe antibody (ab58078) at 1/500 dilution

**Lane 1** : Lunatic Fringe overexpression 293T lysate (whole cell) (ab94182)

**Lane 2** : 293T non-transfected lysate

Lysates/proteins at 25 µg per lane.

### Secondary

**All lanes** : Goat Anti-mouse IgG (H and L) HRP conjugated at 1/2500 dilution

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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