

## IF5A1 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP08660
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Eukaryotic translation initiation factor 5A-1
<b>Synonyms</b>	Eukaryotic translation initiation factor 5A-1 (eIF-5A-1;eIF-5A1;Eukaryotic initiation factor 5A isoform 1;eIF-5A;Rev-binding factor;eIF-4D)

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

The precise role of eIF-5A in protein biosynthesis is not known but it functions by promoting the formation of the first peptide bond. |PTM: eIF-5A seems to be the only eukaryotic protein to have an hypusine residue which is a post-translational modification of a lysine by the addition of a butylamino group (from spermidine). |Belongs to the eIF-5A family. |subunit: Found in a complex with Ran and XPO4. The hypusine modification increases the interaction with XPO4. |tissue specificity: Expressed in umbilical vein endothelial cells and several cancer cell lines (at protein level). |

### Recommended Dilution

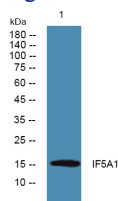
WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

ELISA: 1: 20000

Not yet tested in other applications.

### Images



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4°C overnight

### Storage

-20°C for 1 year