

## Integrin Alpha6 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP04576
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human ITGA6. AA range:901-950
<b>Mol wt</b>	126619
<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>	Integrin alpha6 Antibody
<b>Synonyms</b>	ITGA6; Integrin alpha-6; CD49 antigen-like family member F; VLA-6; CD49f

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

### Background

ITGA6 encodes a member of the integrin alpha chain family of proteins. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain that function in cell surface adhesion and signaling. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha 6 subunit. This subunit may associate with a beta 1 or beta 4 subunit to form an integrin that interacts with extracellular matrix proteins including members of the laminin family. The alpha 6 beta 4 integrin may promote tumorigenesis, while the alpha 6 beta 1 integrin may negatively regulate erbB2/HER2 signaling. Alternative splicing results in multiple transcript variants.

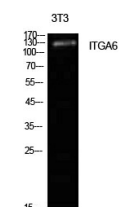
### Recommended Dilution

WB: 1: 500 - 1: 2000

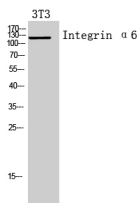
ELISA: 1: 10000

Not yet tested in other applications.

### Images



Western Blot analysis of NIH-3T3 cells using Integrin  $\alpha$ 6 Polyclonal Antibody. Secondary antibody was diluted at 1:20000



Western Blot analysis of 3T3 cells using Integrin  $\alpha$ 6 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

## Storage

-20°C for one year

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