

## alpha-E-Catenin(Phospho-Ser652) Rabbit Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP13920
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized phospho peptide around human $\alpha$ -E-Catenin (Ser652)
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	alpha -E-Catenin
Synonyms	$\alpha$ -E-Catenin ;Ser652; Catenin alpha-1; Alpha E-catenin; Cadherin-associated protein; Renal carcinoma antigen NY-REN-13

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

### Background

This gene encodes a member of the catenin family of proteins that play an important role in cell adhesion process by connecting cadherins located on the plasma membrane to the actin filaments inside the cell. The encoded mechanosensing protein contains three vinculin homology domains and undergoes conformational changes in response to cytoskeletal tension| resulting in the reconfiguration of cadherin-actin filament connections. Certain mutations in this gene cause butterfly-shaped pigment dystrophy.

### Recommended Dilution

WB: 1: 1000 - 1: 2000

ELISA: 1: 20000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year

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