

## ZDH17 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP15622
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Palmitoyltransferase ZDHHC17
<b>Synonyms</b>	Palmitoyltransferase ZDHHC17 ;EC 2.3.1.-;Huntingtin yeast partner H;Huntingtin-interacting protein 14;HIP-14;Huntingtin-interacting protein 3;HIP-3;Huntingtin-interacting protein H;Putat

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

### Background

Catalytic activity:Palmitoyl-CoA + protein-cysteine = S-palmitoyl protein + CoA.,The DHHC domain is required for palmitoyltransferase activity.,Palmitoyltransferase specific for a subset of neuronal proteins, including SNAP25, DLG4/PSD95, GAD2, SYT1 and HD. May be involved in the sorting or targeting of critical proteins involved in the initiating events of endocytosis at the plasma membrane. May be involved in the NF-kappa-B signaling pathway. Has transforming activity.,miscellaneous:The early and prominent pathology of HD is observed in the medium spiny neurons that project into the globus.,Belongs to the DHHC palmitoyltransferase family. AKR/ZDHHC17 subfamily.,Contains 1 DHHC-type zinc finger.,Contains 5 ANK repeats.,subunit:Binds HD. This interaction is inversely correlated to the length of the polyglutamine tract added to the huntingtin protein in Huntington disease.,tissue specificity:Expressed in all brain regions. Expression is highest in the cortex, cerebellum, occipital lobe and caudate and lowest in the spinal cord. Expression is also seen in testis, pancreas, heart and kidney.,

### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year