

## Dexas2 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP02572
<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 human RASD2. AA range:217-266
<b>Mol wt</b>	30366
<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>	Dexas2 Antibody
<b>Synonyms</b>	RASD2; TEM2; GTP-binding protein Rhes; Ras homolog enriched in striatum; Tumor endothelial marker 2

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

### Background

RASD2 belongs to the Ras superfamily of small GTPases and is enriched in the striatum. The RASD family member 2 functions as an E3 ligase for attachment of small ubiquitin-like modifier (SUMO). This protein also binds to mutant huntingtin (mHtt), the protein mutated in Huntington disease (HD). Sumoylation of mHtt by this protein may cause degeneration of the striatum. The protein functions as an activator of mechanistic target of rapamycin 1 (mTOR1), which in turn plays a role in myelination, axon growth and regeneration. Reduced levels of mRNA expressed by this gene were found in HD patients.

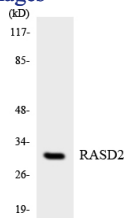
### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

Not yet tested in other applications.

### Images



Western blot analysis of the lysates from HepG2 cells using RASD2 antibody.

### Storage

-20°C for one year