

## EXD2 Polyclonal Antibody

**Catalog No.** E-AB-18841

*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

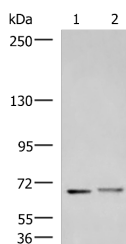
### Description

<b>Reactivity</b>	Human, Mouse
<b>Immunogen</b>	Fusion protein of human EXD2
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen affinity purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4

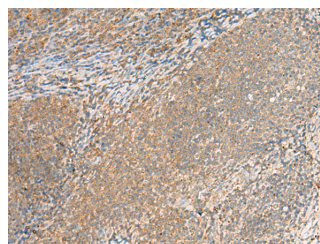
### Applications Recommended Dilution

<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:40-1:200

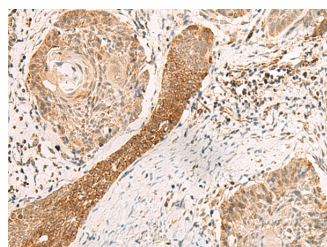
### Data



Western blot analysis of Mouse brain tissue and Human cerebrum tissue lysates using EXD2 Polyclonal Antibody at dilution of 1:700  
**Observed Mw: Refer to figures**  
**Calculated Mw: 70 kDa**



Immunohistochemistry of paraffin-embedded Human tonsil tissue using EXD2 Polyclonal Antibody at dilution of 1:55(×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using EXD2 Polyclonal Antibody at dilution of 1:55(×200)

### Preparation & Storage

#### For Research Use Only

**Storage**                      Store at -20°C. Avoid freeze / thaw cycles.

## Background

Exonuclease required for double-strand breaks resection and efficient homologous recombination. Plays a key role in controlling the initial steps of chromosomal break repair, it is recruited to chromatin in a damage-dependent manner and functionally interacts with the MRN complex to accelerate resection through its 3'-5' exonuclease activity, which efficiently processes double-stranded DNA substrates containing nicks.