

# ANG2 Polyclonal Antibody

catalog number: E-AB-40448

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

## Description

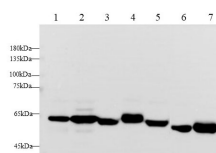
|                     |  |
|---------------------|--|
| <b>Reactivity</b>   | Human;Mouse;Rat  |
| <b>Immunogen</b>    | Recombinant Human ANG2 protein expressed by E.coli                       |
| <b>Host</b>         | Rabbit   |
| <b>Isotype</b>      | IgG  |
| <b>Purification</b> | Antigen Affinity Purification  |
| <b>Conjugation</b>  | Unconjugated   |
| <b>buffer</b>       | PBS with 0.05% proclin 300, 1% protective protein and 50% glycerol,pH7.4 |

## Applications

## Recommended Dilution

|            |             |
|------------|-------------|
| <b>WB</b>  | 1:250-1:500 |
| <b>IHC</b> | 1:50-1:200  |

## Data



Western blot with ANG2 Polyclonal antibody at dilution of 1:1000.lane 1:A549 whole cell lysate,lane 2:Hep G2 whole cell lysate,lane 3:Mouse kidney,lane 4:Mouse ovary,lane 5:Mouse placenta,lane 6:Rat ovary,lane 7:Rat placenta

**Observed-MV:60-75 kDa**

**Calculated-MV:57 kDa**

## Preparation & Storage

|                 |  |
|-----------------|--|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.  |
| <b>Shipping</b> | The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended. |

## Background

The protein encoded by this gene is an antagonist of angiopoietin 1 (ANGPT1) and endothelial TEK tyrosine kinase (TIE-2, TEK). The encoded protein disrupts the vascular remodeling ability of ANGPT1 and may induce endothelial cell apoptosis. Three transcript variants encoding three different isoforms have been found for this gene.

## For Research Use Only