

## BMP2 Polyclonal Antibody

catalog number: E-AB-33728

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

### Description

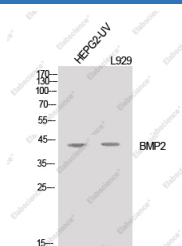
|                     |                                                                                                             |
|---------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>   | Human;Mouse;Rat                                                                                             |
| <b>Immunogen</b>    | Synthesized peptide derived from the C-terminal region of human BMP-2.                                      |
| <b>Host</b>         | Rabbit                                                                                                      |
| <b>Isotype</b>      | Rabbit IgG                                                                                                  |
| <b>Purification</b> | Affinity purification                                                                                       |
| <b>Buffer</b>       | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol. |

### Applications

### Recommended Dilution

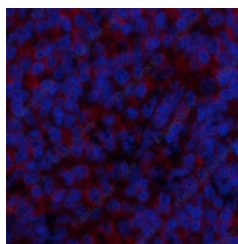
|            |              |
|------------|--------------|
| <b>WB</b>  | 1:500-1:2000 |
| <b>IHC</b> | 1:100-1:300  |

### Data

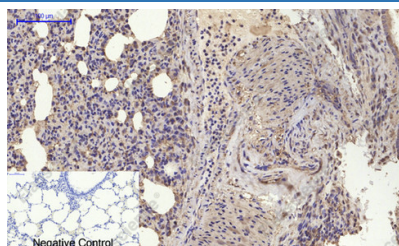


Western Blot analysis of HepG2-UV, L929 cells using BMP2 Polyclonal Antibody at dilution of 1:1000.

**Observed-MW:44 kDa**  
**Calculated-MW:45 kDa**



Immunofluorescence analysis of Rat spleen tissue using BMP2 Polyclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded Rat lung tissue using BMP2 Polyclonal Antibody at dilution of 1:200.

### 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

This gene encodes a member of the transforming growth factor-beta (TGFB) superfamily. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer, which induces bone and cartilage formation.

### For Research Use Only

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