

PAA013Hu02

Polyclonal Antibody to Bone Morphogenetic Protein 2 (BMP2)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Traits: Liquid

Concentration: 0.79mg/ml

UOM: 50µg(64µl)

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Recombinant BMP2 (Leu24~Arg396) expressed in *E.coli*

Accession No.: RPA013Hu02

[APPLICATIONS]

Western blotting: 0.5-5µg/mL;

Immunohistochemistry: 5-20µg/mL;

Immunocytochemistry: 5-20µg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the

expiration date under appropriate storage condition.

[IDENTIFICATION]

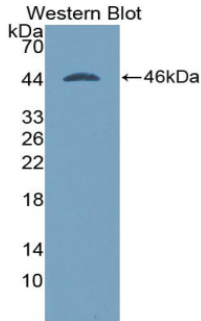
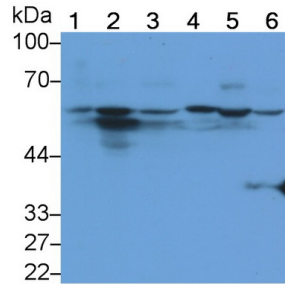
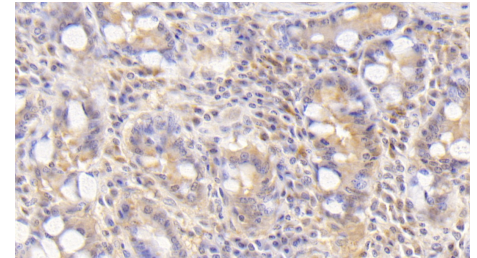


Figure. Western Blot; Sample: Recombinant BMP2, Human.



Western Blot; Sample: Lane1: Rat Spinal cord lysate; Lane2: Hela cell lysate; Lane3: Porcine Lung lysate; Lane4: HT1080 cell lysate; Lane5: THP1 cell lysate; Lane6: THP1 cell lysate
 Primary Ab: 5?g/ml Rabbit Anti-Human BMP2 Antibody
 Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19)



DAB staining on IHC-P;
 Samples: Human Small intestine Tissue;
 Primary Ab: 20?g/ml Rabbit Anti-Human BMP2 Antibody
 Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19)

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.