

Product datasheet for **AP11061PU-N**

JMJD6 (N-term) Rabbit Polyclonal Antibody

Product data:

| | |
|-----------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | ELISA: 1/1,000. Western Blot: 1/250-1/500. |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Isotype: | Ig |
| Clonality: | Polyclonal |
| Immunogen: | This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human PTDSR. |
| Specificity: | This antibody is specific to PTDSR (N-term). |
| Formulation: | PBS containing 0.09% (W/V) Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction. |
| Concentration: | lot specific |
| Purification: | Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS. |
| Conjugation: | Unconjugated |
| Storage: | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | arginine demethylase and lysine hydroxylase |
| Database Link: | Entrez Gene 107817 Mouse Entrez Gene 23210 Human Q6NYC1 |



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Background:

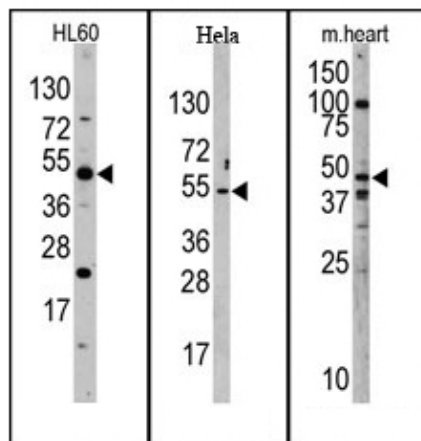
Also known as JmjC domain-containing protein 6. This gene encodes a nuclear protein with a JmjC domain. JmjC domain-containing proteins are predicted to function as protein hydroxylases or histone demethylases. It functions in differentiation of multiple tissues during development, and in anti-inflammatory cytokine signaling. This protein was first identified as a putative phosphatidylserine receptor involved in phagocytosis of apoptotic cells; however, subsequent studies have suggested that the protein may cross-react with a monoclonal antibody that recognizes the phosphatidylserine receptor and does not directly function in the clearance of apoptotic cells.

Synonyms:

KIAA0585, Phosphatidylserine receptor

Protein Families:

Druggable Genome, ES Cell Differentiation/IPS

Product images:

Western blot analysis of anti-PTDSR (N-term) Pab in mouse heart, HeLa, and HL60 cell line lysates. PTDSR (N-term) (arrow) was detected using the purified Pab.