

bs-21068R**[Primary Antibody]****P4HA2 Rabbit pAb****BioSS**
ANTIBODIES

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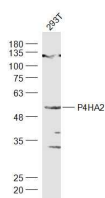
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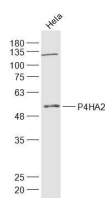
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Sheep, Cow, Chicken, Dog, Horse)
GeneID: 8974	SWISS: O15460	Predicted MW.: 59 kDa
Target: P4HA2		Subcellular Location: Cytoplasm
Immunogen: KLH conjugated synthetic peptide derived from human P4HA2: 301-400/535.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: This gene encodes a component of prolyl 4-hydroxylase, a key enzyme in collagen synthesis composed of two identical alpha subunits and two beta subunits. The encoded protein is one of several different types of alpha subunits and provides the major part of the catalytic site of the active enzyme. In collagen and related proteins, prolyl 4-hydroxylase catalyzes the formation of 4-hydroxyproline that is essential to the proper three-dimensional folding of newly synthesized procollagen chains. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]		

— VALIDATION IMAGES —

Sample: 293T(Human) Cell Lysate at 30 ug
Primary: Anti-P4HA2 (bs-21068R) at 1/1000
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 59 kD Observed band size: 59 kD



Sample: HeLa(Human) Cell Lysate at 30 ug
Primary: Anti-P4HA2 (bs-21068R) at 1/1000
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 59 kD Observed band size: 59 kD