

**bs-15543R****[ Primary Antibody ]**

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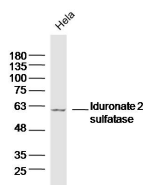
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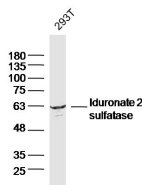
400-901-9800

**Iduronate 2 sulfatase Rabbit pAb****— DATASHEET —**

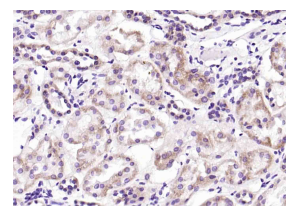
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)  <b>Reactivity:</b> Human (predicted: Mouse, Rat, Sheep, Cow, Dog)  <b>Predicted MW.:</b> 47 kDa  <b>Subcellular Location:</b> Cytoplasm
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 3423	<b>SWISS:</b> P22304	
<b>Target:</b> Iduronate 2 sulfatase		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Iduronate 2 sulfatase: 101-200/550.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> The protein encoded by this gene belongs to the sulfatase family, is localized to the lysosome, and is involved in lysosomal degradation of heparan sulfate and dermatan sulfate. Mutations in this gene are associated with the X-linked lysosomal storage disease, mucopolysaccharidosis type II, also known as Hunter syndrome. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Aug 2013]		

**— VALIDATION IMAGES —**

Sample: Hela Cell(Human)Lysate at 30 ug  
 Primary: Anti- Iduronate 2 sulfatase (bs-15543R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 47kD Observed band size: 62kD



Sample: 293T Cell (Human) Lysate at 30 ug  
 Primary: Anti- Iduronate 2 sulfatase (bs-15543R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 47kD Observed band size: 62kD



Paraformaldehyde-fixed, paraffin embedded (Human kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Iduronate 2 sulfatase) Polyclonal Antibody, Unconjugated (bs-15543R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.