

## Product Datasheet

### Anti-IGF1 Rabbit pAb

For Research Use Only. Not For Use In Diagnostic Procedures



WL04589

#### Product Information

Product name	Anti-IGF1 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
Pack size	50/100/200/500/1000μl	
Storage	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

#### General Information

Background	IGF1B belongs to the insulin family. Insulin-like growth factor I, or IGF-I, is an ubiquitous peptide that acts in both an autocrine and paracrine fashion to stimulate the growth of vascular smooth muscle cells. IGF function is modulated by at least six circulating IGF-binding proteins, designated IGFBP1-6, which associate with the soluble growth factor. Defects in IGF1 are the cause of insulin-like growth factor I deficiency (IGF1 deficiency) which is an autosomal recessive disorder characterized by growth retardation, sensorineural deafness and mental retardation.
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Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of IGF1.
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Purification	Polyclonal antibody was purified Protein A affinity chromatography.
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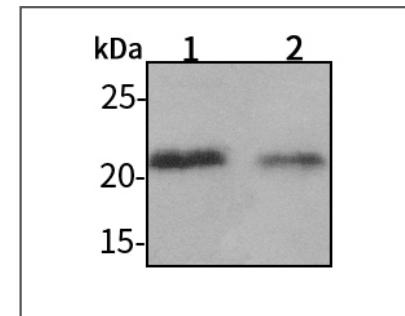
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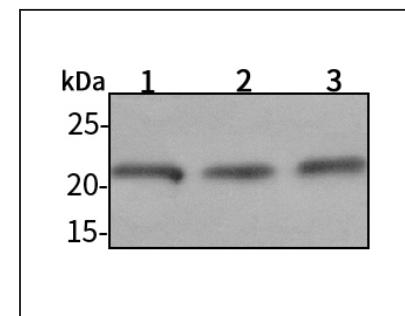
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#### Product Images



Western blot-Anti-IGF1 pAb

Lane 1: Human Hela cell lysate  
Lane 2: Human MCF-7 cell lysate  
All lanes: Anti-IGF1 at 1:1000 dilution  
Lysates/proteins at 20-50 μg per lane.  
Predicted band size: 22 kDa  
Observed band size: 22 kDa



Western blot-Anti-IGF1 pAb

Lane 1: Rat lung tissue lysate  
Lane 2: Rat colon tissue lysate  
Lane 3: Rat stomach tissue lysate  
All lanes: Anti-IGF1 at 1:1000 dilution  
Lysates/proteins at 20-50 μg per lane.  
Predicted band size: 22 kDa  
Observed band size: 22 kDa