

For Research Use Only

# XKRX Polyclonal antibody

Catalog Number: 27049-1-AP



## Basic Information

<b>Catalog Number:</b> 27049-1-AP	<b>GenBank Accession Number:</b> BC137010	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 350 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 402415	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6PP77	
<b>Isotype:</b> IgG	<b>Full Name:</b> XK, Kell blood group complex subunit-related, X-linked	
<b>Immunogen Catalog Number:</b> AG25266	<b>Calculated MW:</b> 462 aa, 54 kDa	
	<b>Observed MW:</b> 30 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB:</b> human placenta tissue, <b>IHC:</b> human placenta tissue,

**Note-IHC: suggested antigen retrieval with *TE buffer pH 9.0*; (\*) Alternatively, antigen retrieval may be performed with *citrate buffer pH 6.0***

## Background Information

XKRX (XK-associated X-linked protein) is a component of the XK/Kell complex in the Kell blood group system, encoding a membrane protein with multiple transmembrane domains that is exposed on the cell surface and may function as a membrane transport protein. It is expressed predominantly in the placenta and syncytiotrophoblasts. It has 2 isoforms, with molecular weights of 52 kDa and 28 kDa respectively. Its function has not been fully clarified yet.

## Storage

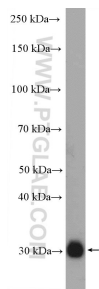
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

**\*\*\* 20ul sizes contain 0.1% BSA**

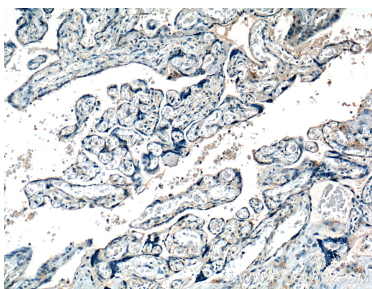
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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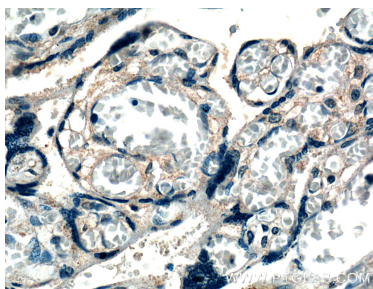
Selected Validation Data



human placenta tissue were subjected to SDS PAGE followed by western blot with 27049-1-AP (XKRX Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 27049-1-AP (XKRX Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 27049-1-AP (XKRX Antibody) at dilution of 1:200 (under 40x lens).