

Custom Service for Rabbit Polyclonal Production

Need a rabbit polyclonal antibody to a target of interest but prefer to use a *full-length* protein instead of peptide antigen for immunization? Abnova provides a full service from cDNA sourcing to affinity purified antibody production customized to your specifications. This special rabbit polyclonal antibody has the ability recognize both native and linear protein conformation, thereby maximizing the success of your intended applications. The generated antibody is always checked against a mammalian transfected lysate for demonstration of antibody specificity before delivery and shipment.

Services:

- cDNA Sourcing and Cloning
- *Full-length* Protein Expression and Purification
- Rabbit Immunization
- Antibody Purification
- ELISA and WB (mammalian transfected lysate) Analysis
- Delivery of 10-50mg Purified Antibody

Advantages of *Full-Length* Protein Immunization:

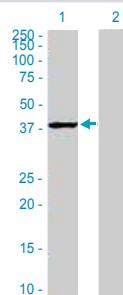
- Multiple Epitope Recognition (Linear & Native Conformation)
- Broad Scope Applications (WB, IF, IHC, IP, FC)
- Higher Antibody Titer and Affinity
- Ideal for Sandwich ELISA Antibody Pair Study
- Larger Sera Batch for Consistency and Quality

Western Blot (Transfected Lysate)

Product Name : GAPDH purified MaxPab[®] rabbit polyclonal antibody (D01P)
Catalog # : H00002597-D01P

Western Blot analysis of GAPDH expression in transfected 293T cell line by GAPDH MaxPab[®] rabbit polyclonal antibody.

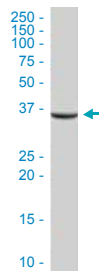
Lane 1: GAPDH transfected lysate(36.10 KDa)
Lane 2: Non-transfected lysate



Western Blot (Tissue Lysate)

Product Name : ASPA purified MaxPab[®] rabbit polyclonal antibody (D01P)
Catalog # : H00000443-D01P

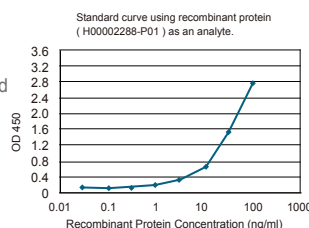
ASPA MaxPab[®] rabbit polyclonal antibody. Western Blot analysis of ASPA expression in human liver.



Detection Antibody Pair

Product Name : Human FKBP4 Matched Antibody Pair
Catalog # : H00002288-AP31

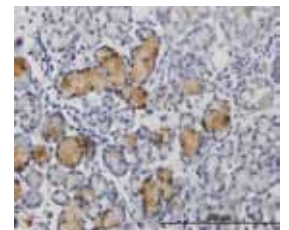
- Capture antibody: affinity purified rabbit MaxPab[®] polyclonal anti-FKBP4
- Detection antibody: biotinylated affinity purified MaxPab[®] polyclonal anti-FKBP4



Immunohistochemistry

Product Name : MMP1 purified MaxPab[®] rabbit polyclonal antibody (D01P)
Catalog # : H00004312-D01P

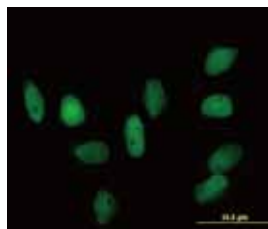
Immunoperoxidase of purified MaxPab[®] rabbit antibody to GOT1 on formalin-fixed paraffin-embedded human colon. [antibody concentration 3 ug/ml]



Immunofluorescence

Product Name : CBX5 purified MaxPab[®] rabbit polyclonal antibody (D01P)
Catalog # : H00023468-D01P

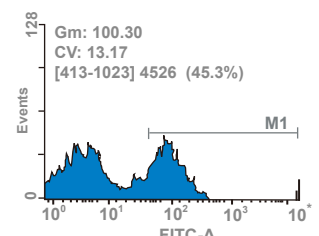
Immunofluorescence of purified MaxPab[®] rabbit antibody to CBX5 on HeLa cell. [antibody concentration 10 ug/ml]



Flow Cytometry

Product Name : FAS purified MaxPab[®] rabbit polyclonal antibody
Catalog # : H00000355-D01P

Surface staining of human peripheral blood cells with anti-human CD95 (FAS) FITC.



Service Item	Time (weeks)	Antigen Supplied by Customer		Antigen Supplied by Abnova		
				Peptide	Phosphopeptide	Full-length protein
Peptide Design & Synthesis	4~5					
Customer-supplied antigen		V	V			
7~20-mer (Purity > 80%)				V	V	
Single site phosphorylation (Ser, Tyr, Thr)					V	
Conjugation	1					
To carrier protein KLH (A cysteine is automatically added to the C-terminus or N-terminus of the peptide)				V	V	
Protein Preparation	1~2					
cDNA sourcing						V
Cloning and sequencing						
Full-length protein production						
Immunization	8~10					
6~8 injections per rabbit		V	V	V	V	V
Sera collection						
Report	1					
ELISA data		V	V	V	V	V
WB data (mammalian overexpression lysate)						V
Purification	2					
Up to 100 ml purified serum by protein A purification. Final deliverable: 50-100mg purified antibody			V	V		V
Up to 100 ml purified serum by protein A purification. Final deliverable: 2-10mg purified antibody					V	
Total Lead time (weeks)		8~12	8~12	16~18	16~18	16~18
Total Price (USD/EUR)		\$750	\$1,300	\$1,850	\$2,900	\$10,000
				Affinity purification: extra add 300USD		

Note:

1. Polyclonal antibody sera will be QC utilizing ELISA format for reactivity against the immunogen.
2. Service charge does not include shipping, packing and handling fee, custom fee, duty / tax.

The above list price is only used for direct orders made to Abnova.