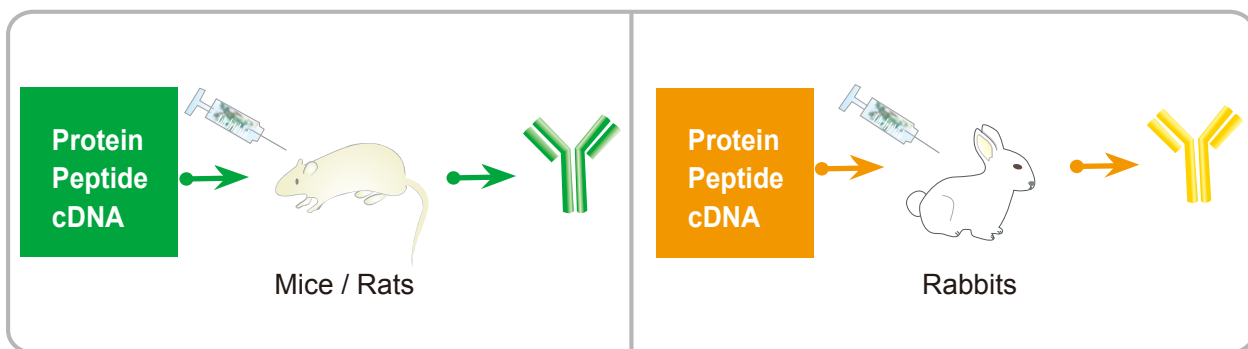


Custom Service for Polyclonal Antibody Production

Abnova has extensive experience in generating high quality antisera to a wide variety of antigens (peptides, phospho-peptides, proteins, and cDNAs). Using a low dose immunization technique in combination with a proprietary adjuvant, we are able to generate a high-titer, high-affinity antibody response against the immunogen in mice, rats, and rabbits.

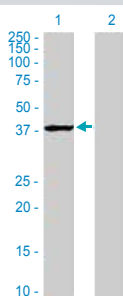


Western Blot (Transfected Lysate)

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.

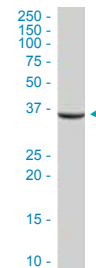
Lane 1: GAPDH transfected lysate(36.10 KDa)
 Lane 2: Non-transfected lysate



Western Blot (Tissue Lysate)

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

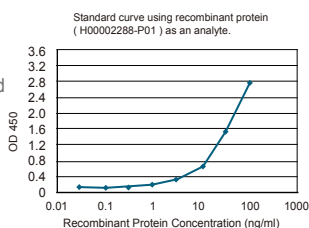
ASPA MaxPab[®] rabbit polyclonal antibody. Western Blot analysis of ASPA expression in human liver.



Detection Antibody Pair

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

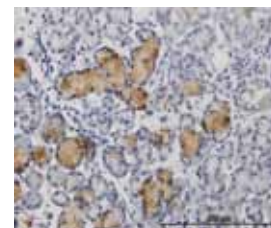
- Capture antibody: affinity purified rabbit MaxPab[®] polyclonal anti-FKBP4
- Detection antibody: biotinylated affinity purified MaxPab[®] polyclonal anti-FKBP4



Immunohistochemistry

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

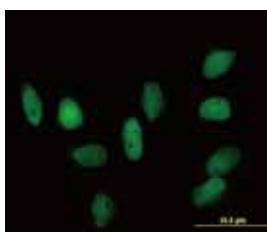
Immunoperoxidase of purified MaxPab[®] rabbit antibody to GOT1 on formalin-fixed paraffin-embedded human colon. [antibody concentration 3 ug/ml]



Immunofluorescence

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

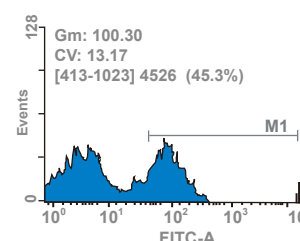
Immunofluorescence of purified MaxPab[®] rabbit antibody to CBX5 on HeLa cell. [antibody concentration 10 ug/ml]



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.



Mouse & Rat

Service Items	Time (weeks)	Antigen Supplied by Customer			Antigen Supplied by Abnova							
					Peptide		Phosphopeptide	Protein		cDNA		
Peptide Design & Synthesis	4 ~ 5											
Customer-supplied antigen		V	V	V								
7~20-mer (Purity > 80%)					V	V	V					
Single site phosphorylation (Ser, Tyr, Thr)							V					
Conjugation	1				V		V					
To carrier protein KLH / BSA / OVA (A cysteine is automatically added to the C-terminus or N-terminus of the peptide)												
Protein Preparation	2~3											
cDNA sourcing								V	V			
Cloning and sequencing												
Protein expression												
Immunization	8 ~ 12											
5~8 injections per animal (3 mice or 3rats)		V	V	V	V	V	V	V	V	V	V	V
Sera collection												
Report	1											
ELISA data*		V	V	V	V	V	V	V	V	V	V	V
WB data (mammalian overexpression lysate)										V	V	
Purification**	2											
By protein A purification Final deliverable: > 0.2 mg purified antibody for mice or > 5 mg purified antibody for rats			V			V			V		V	
By affinity purification (for rats only) Final deliverable: > 0.5 mg purified antibody					V		V	V		V		V
Total Lead time (weeks)		10~12	12~14	12~14	17~20	17~20	17~20	19~20	19~20	12~16	12~16	
Total Price (USD/EUR)		\$750	\$1,100	\$1,500	\$1,850	\$2,150	\$2,900	Quote	Quote	Quote	Quote	

Rabbit

Service Items	Time (weeks)	Antigen Supplied by Customer			Antigen Supplied by Abnova							
					Peptide		Phosphopeptide	Protein		cDNA		
Peptide Design & Synthesis	4 ~ 5											
Customer-supplied antigen		V	V	V								
7~20-mer (Purity > 80%)					V	V	V					
Single site phosphorylation (Ser, Tyr, Thr)							V					
Conjugation	1				V		V					
To carrier protein KLH / BSA / OVA (A cysteine is automatically added to the C-terminus or N-terminus of the peptide)												
Protein Preparation	2~3											
cDNA sourcing								V	V			
Cloning and sequencing												
Protein expression												
Immunization	10 ~ 12											
5~8 injections per rabbit (2 rabbits)		V	V	V	V	V	V	V	V	V	V	V
Sera collection												
Report	1											
ELISA data*		V	V	V	V	V	V	V	V	V	V	V
WB data (mammalian overexpression lysate)										V	V	
Purification**	2											
By protein A purification Final deliverable: 20-50 mg purified antibody			V			V			V		V	
By affinity purification Final deliverable: 1-5 mg purified antibody					V		V	V		V		V
Total Lead time (weeks)		11~14	13~16	13~16	17~20	17~20	17~20	19~20	19~20	12~16	12~16	
Total Price (USD/EUR)		\$750	\$1,300	\$1,600	\$1,850	\$2,150	\$2,900	Quote	Quote	Quote	Quote	

Note:

* Polyclonal antibody sera will be QC utilizing ELISA format for reactivity against the immunogen.

** This is the average yield. Actual yield will vary for each Pab.

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