

## XBP1 antibody

### Product Information

Catalog No.:	FNab09537
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

X-box-binding protein 1(XBP1), also named as TREB5, is a 261 amino acid protein, which contains one bZIP domain and belongs to the bZIP family. XBP1 localizes in the nucleus and as a transcription factor is essential for hepatocyte growth, the differentiation of plasma cells, the immunoglobulin secretion, and the unfolded protein response. XBP1 has an association with major affective disorder. The molecular weight of protein generated from the spliced XBP1 mRNA is 54 kDa and protein generated from unspliced Xbp1 mRNA is 33 kDa. This antibody specially recognizes the XBP1S isoform.

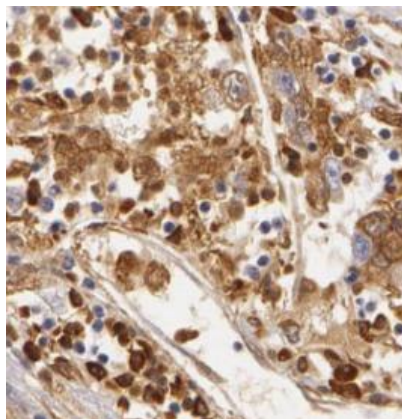
### Immunogen information

Immunogen:	X-box binding protein 1
Synonyms:	X-box-binding protein 1 (XBP-1) Tax-responsive element-binding protein 5 (TREB-5) X-box-binding protein 1, cytoplasmic form X-box-binding protein 1, luminal form XBP1 TREB5 XBP2
Observed MW:	29 kDa
Uniprot ID :	P17861

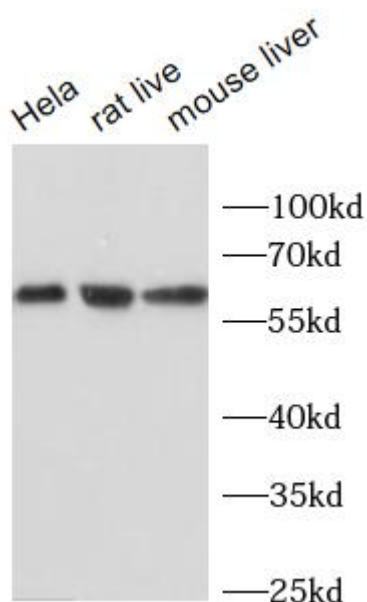
### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB,IHC
Recommended dilution:	WB: 1:200-1:1000; IHC: 1:50-1:500

Image:



Immunohistochemistry of paraffin-embedded human liver cancer tissue slide using FNab09537(XBP1 Antibody) at dilution of 1:100.



Various lysates were subjected to SDS PAGE followed by western blot with FNab09537(XBP1 Antibody) at dilution of 1:1000