

小鼠抗 PCBP1 单克隆抗体

- 中文名称： 小鼠抗 PCBP1 单克隆抗体
- 英文名称： Anti-PCBP1 mouse monoclonal antibody
- 别名： HEL-S-85; hnRNP-E1; hnRNP-X; HNRPE1; HNRPX
- 相关类别： 一抗
- 储存： 冷冻（-20℃） 避光
- 宿主： Mouse
- 抗原： PCBP1
- 反应种属： Human
- 标记物： Unconjugate
- 克隆类型： mouse monoclonal

技术规格

Background:

This intronless gene is thought to have been generated by retrotransposition of a fully processed PCBP-2 mRNA. This gene and PCBP-2 have paralogues (PCBP3 and PCBP4) which are thought to have arisen as a result of duplication events of entire genes. The protein encoded by this gene appears to be multifunctional. It along with PCBP-2 and hnRNPK corresponds to the major cellular poly(rC)-binding protein. It contains three K-homologous (KH) domains which may be involved in RNA binding. This encoded protein together with PCBP-2 also functions as translational coactivators of poliovirus RNA via a sequence-specific interaction with stem-loop IV of the IRES and promote poliovirus

	irus RNA replication by binding to its 5'-terminal cloverleaf structure. It has also been implicated in translational control of the 15-lipoxygenase mRNA, human Papillomavirus type 16 L2 mRNA, and hepatitis A virus RNA. The encoded protein is also suggested to play a part in formation of a sequence-specific alpha-globin mRNP complex which is associated with alpha-globin mRNA stability. [provided by RefSeq, Jul 2008].
Applications:	WB, IHC
Name of antibody:	PCBP1
Immunogen:	Fusion protein of human PCBP1
Full name:	poly(rC) binding protein 1 (PCBP1)
Synonyms:	HEL-S-85; hnRNP-E1; hnRNP-X; HNRPE1; HNRPX
SwissProt:	Q15365
IHC positive control:	carcinoma of human kidney tissue and adenocarcinoma of human ovary tissue; carcinoma of human pancreas tissue and human prostate tissue
IHC Recommend dilution:	30-150
WB Predicted band size:	37 kDa
WB Positive control:	Hela, HepG2, K562, MCF-7, SVT2 cell, Human liver tissue, Human ovary tissue, Human brain tissue lysates
WB Recommended dilution:	500-2000