SunLong Biotech Co.,LTD
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[Primary Antibody]

Recombinant Rabbit Anti-Fabp7 Monoclonal Antibody

Catalog Number: SLA0934M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Clone No.:	SB154
GeneID:	12140
SWISS:	P51880
Target:	Fabp7
Immunogen:	Recombinant Mouse BLBP protein
Purification:	Affinity Purification
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) IHC-P (1:500-2000) IHC-F (1:500-2000) IF (1:500-2000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat
Predicted MW.:	15 kDa
Subcellular Location:	Cytoplasm
Background:	The protein encoded by this gene is a brain fatty acid binding protein. Fatty acid binding proteins (FABPs) are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABPs are thought to play roles in fatty acid uptake, transport, and metabolism. And is important in brain development.

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[VALIDATION IMAGES]

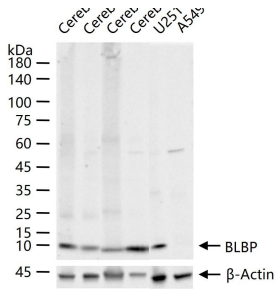


Figure 1. 25 ug total protein per lane of various lysates (see on figure) probed with BLBP monoclonal antibody, unconjugated (SLA0934M) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

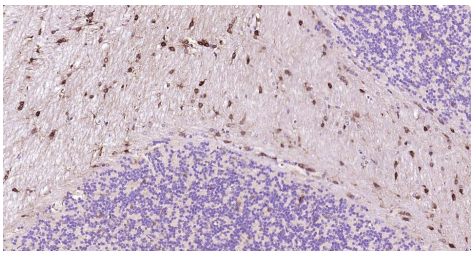


Figure 2. Paraformaldehyde-fixed, paraffin embedded Rat cerebellum;Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with BLBP Monoclonal Antibody, Unconjugated (SLA0934M) at 1:200 overnight at 4°C, followed by conjugation to the SL40296G-HRP and DAB (C-0010) staining.

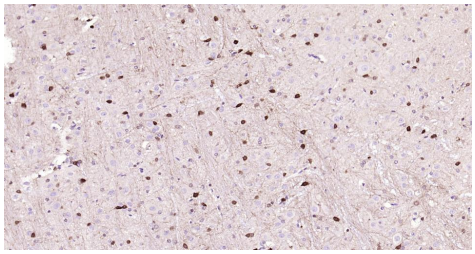


Figure 3. Paraformaldehyde-fixed, paraffin embedded Rat brain;Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with BLBP Monoclonal Antibody, Unconjugated (SLA0934M) at 1:200 overnight at 4°C, followed by conjugation to the SL40296G-HRP and DAB (C-0010) staining.

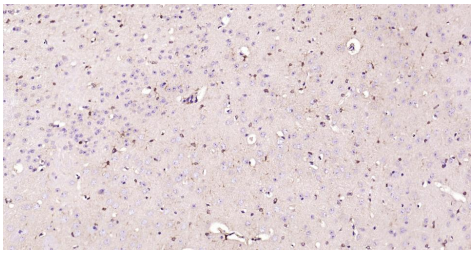


Figure 4. Paraformaldehyde-fixed, paraffin embedded Mouse brain;Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with BLBP Monoclonal Antibody, Unconjugated (SLA0934M) at 1:200 overnight at 4°C, followed by conjugation to the SL40296G-HRP and DAB (C-0010) staining.

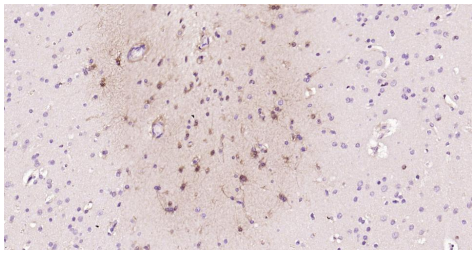


Figure 5. Paraformaldehyde-fixed, paraffin embedded Human glioma;Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with BLBP Monoclonal Antibody, Unconjugated (SLA0934M) at 1:200 overnight at 4°C, followed by conjugation to the SL40296G-HRP and DAB (C-0010) staining.

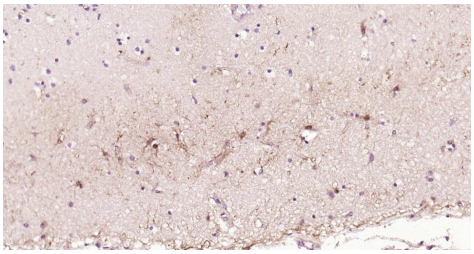


Figure 6. Paraformaldehyde-fixed, paraffin embedded Human Brain;Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with BLBP Monoclonal Antibody, Unconjugated (SLA0934M) at 1:200 overnight at 4°C, followed by conjugation to the SL40296G-HRP and DAB (C-0010) staining.

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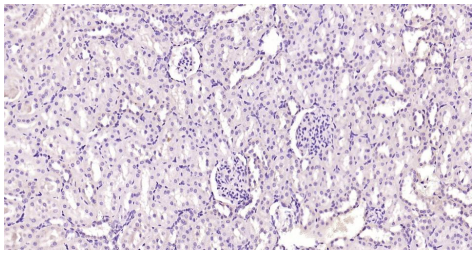


Figure 7. (Negative control)Paraformaldehyde-fixed, paraffin embedded Rat kidney;Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with BLBP Monoclonal Antibody, Unconjugated (SLA0934M) at 1:200 overnight at 4°C, followed by conjugation to the SL40296G-HRP and DAB (C-0010) staining.

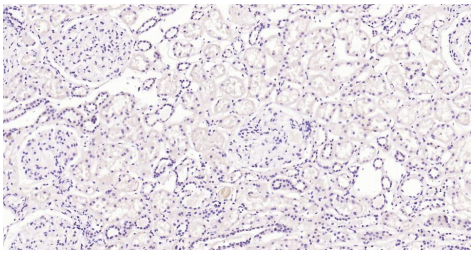


Figure 8. (Negative control)Paraformaldehyde-fixed, paraffin embedded Human kidney;Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with BLBP Monoclonal Antibody, Unconjugated (SLA0934M) at 1:200 overnight at 4°C, followed by conjugation to the SL40296G-HRP and DAB (C-0010) staining.
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