



**Catalog Number:** SF40006

**Size:** 15 ml

**Applications:** IHC

**Species:** Anti-Rabbit

**Storage:** 4°C for up to 1 year

### Description

EZ-HRP™ Polymer Detection is

- 10-15 times more sensitive than conventional avidin-biotin detection
- Allows for entire staining procedure to be completed in just under 2 hours
- Requires less primary antibody (3-4 times less)
- Does not produce non-specific background staining
- Can be used on unfixed or chemical fixed (formalin, formaldehyde, alcohol, etc), paraffin-embedded and frozen tissue sections

### Protocol

Major Protocol Steps	Conventional Avidin-Biotin IHC	EZ-HRP™ polymer IHC
Dilution of primary antibodies	1:200	1:600
Incubation with primary antibodies	12 – 17 hours at 4°C	30 – 60 min at room temperature
Incubation with secondary biotinylated antibodies	1 hour at room temperature	N/A
Incubation with secondary antibody conjugated to HRP polymer	N/A	30 min at room temperature
Incubation with streptavidin- HRP	30 min at room temperature	NA
Incubation with DAB chromogen	10 min at room temperature	10 min at room temperature
Total time	14 – 18 hours	Less than 2 hours

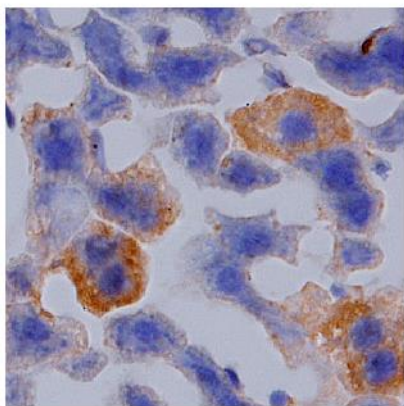
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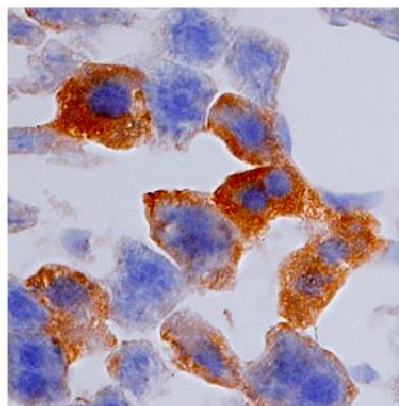
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## Frozen Mouse Liver

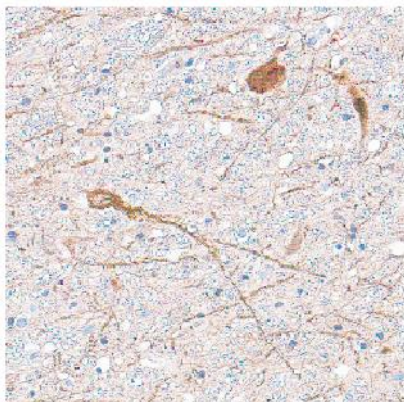


Conventional Avidin-Biotin IHC

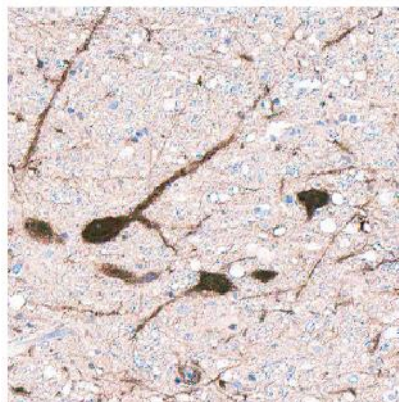


EZ-HRP™ polymer IHC

## Paraffin-embedded Human Brain



Conventional Avidin-Biotin IHC



EZ-HRP™ polymer IHC

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