

ASCL4 Rabbit pAb

Catalog No.: A14439 **5 Publications**

Basic Information

Observed MW

19kDa

Calculated MW

19kDa

Category

Primary antibody

Applications

ELISA,WB,IHC-P

Cross-Reactivity

Human, Mouse, Rat

Background

Basic helix-loop-helix transcription factors, such as ASCL4, are essential for the determination of cell fate and the development and differentiation of numerous tissues (Jonsson et al., 2004 [PubMed 15475265]).

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:100

Immunogen Information

Gene ID

121549

Swiss Prot

Q6XD76

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-70 of human ASCL4 (NP_982260.3).

Synonyms

ASH-4; HASH4; bHLHa44; ASCL4

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

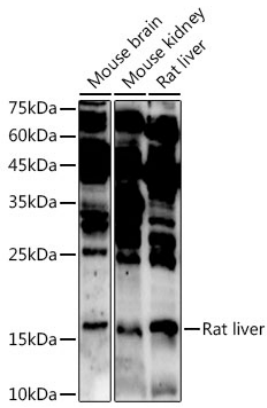
Affinity purification

Storage

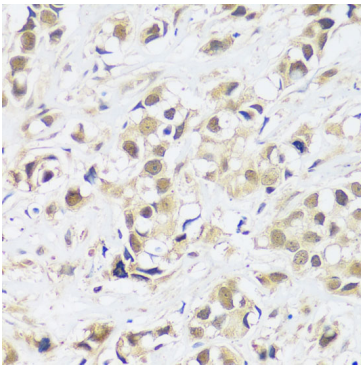
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

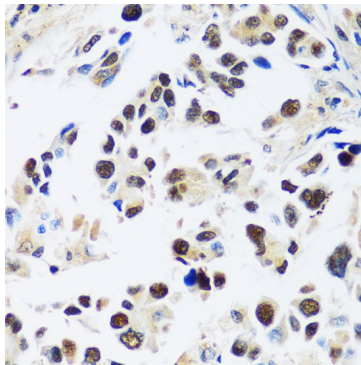
Validation Data



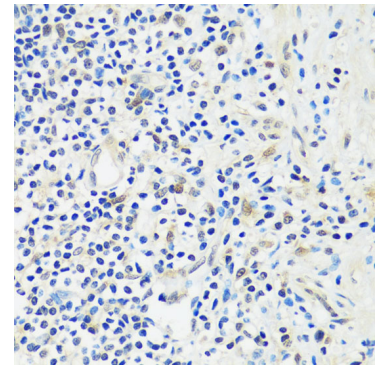
Western blot analysis of various lysates using ASCL4 Rabbit pAb (A14439) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded human breast cancer using ASCL4 Rabbit pAb (A14439) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human lung cancer using ASCL4 Rabbit pAb (A14439) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human appendix using ASCL4 Rabbit pAb (A14439) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.