



# HXA10 Polyclonal Antibody

|                    |                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No         | BYab-10835                                                                                                                                                                                                                                                                                                                                                                                     |
| Isotype            | IgG                                                                                                                                                                                                                                                                                                                                                                                            |
| Reactivity         | Human; Mouse                                                                                                                                                                                                                                                                                                                                                                                   |
| Applications       | IHC;IF;WB                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene Name          | HOXA10 HOX1H                                                                                                                                                                                                                                                                                                                                                                                   |
| Protein Name       | HXA10                                                                                                                                                                                                                                                                                                                                                                                          |
| Immunogen          | Synthesized peptide derived from human HXA10                                                                                                                                                                                                                                                                                                                                                   |
| Specificity        | This antibody detects endogenous levels of human HXA10                                                                                                                                                                                                                                                                                                                                         |
| Formulation        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                        |
| Source             | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                         |
| Purification       | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.                                                                                                                                                                                                                                                                                      |
| Dilution           | IHC-p 1:50-200, WB 1:500-2000. IF 1:50-200                                                                                                                                                                                                                                                                                                                                                     |
| Concentration      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                        |
| Purity             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                           |
| Storage Stability  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                   |
| Synonyms           | Homeobox protein Hox-A10 (Homeobox protein Hox-1.8;Homeobox protein Hox-1H;PL)                                                                                                                                                                                                                                                                                                                 |
| Observed Band      | 42kD                                                                                                                                                                                                                                                                                                                                                                                           |
| Cell Pathway       | Nucleus.                                                                                                                                                                                                                                                                                                                                                                                       |
| Tissue Specificity | Caudate nucleus,Kidney,Muscle,Salivary gland,                                                                                                                                                                                                                                                                                                                                                  |
| Function           | function:Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. Binds to the DNA sequence 5'-AA[AT]TTTTATTAC-3',similarity:Belongs to the Abd-B homeobox family.,similarity:Contains 1 homeobox DNA-binding domain.,                                                |
| Background         | In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor that may regulate gene |

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expression, morphogenesis, and differentiation. More specifically, it may function in fertility, embryo viability, and regulation of hematopoietic lineage commitment. Alternatively spliced transcript variants have been described. Read-through transcription also exists between this gene and the downstream homeobox A9 (HOXA9) gene. [provided by RefSeq, Mar 2011],

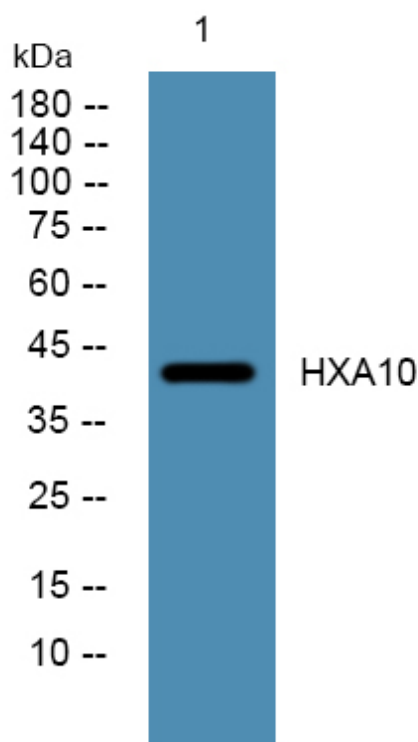
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images

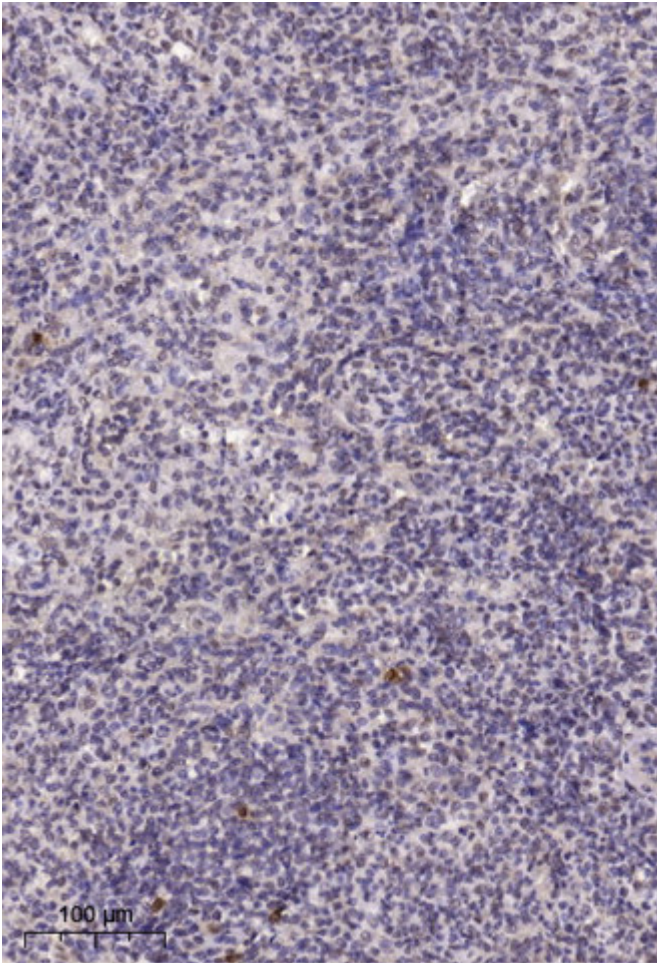


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Immunohistochemical analysis of paraffin-embedded human spleen. 1, Tris-EDTA, pH 9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200 (4° overnight). 3, Secondary antibody was diluted at 1:200 (room temperature, 45 min).