



Datasheet for ABIN686107

anti-Histone H1.5 antibody (AA 681-789)



[Go to Product page](#)

1 Image

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | Histone H1.5 (HIST1H1B) |
| Binding Specificity: | AA 681-789 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Histone H1.5 antibody is un-conjugated |
| Application: | ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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|-----------------------|--|
| Immunogen: | KLH conjugated synthetic peptide derived from human HIF-1 Beta |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse |
| Predicted Reactivity: | Rat,Dog,Cow,Pig,Horse,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

| | |
|---------|-------------------------|
| Target: | Histone H1.5 (HIST1H1B) |
|---------|-------------------------|

Target Details

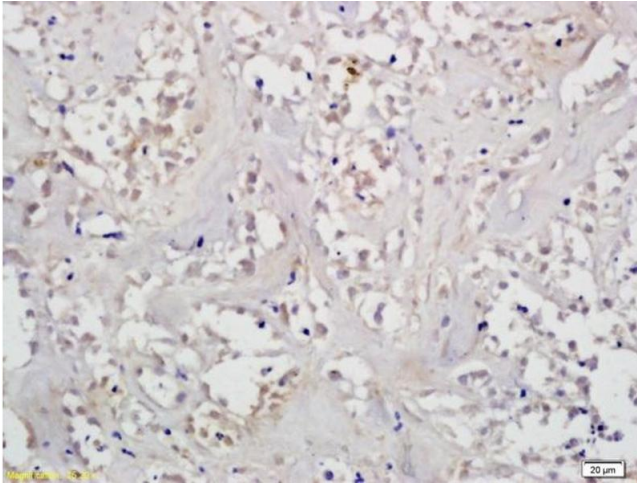
| | |
|-------------------|--|
| Alternative Name: | H-1 beta (HIST1H1B Products) |
| Background: | <p>Synonyms: HIF1B, TANGO, bHLHe2, HIF1BETA, HIF-1beta, HIF1-beta, HIF-1-beta, Aryl hydrocarbon receptor nuclear translocator, ARNT protein, Class E basic helix-loop-helix protein 2, Dioxin receptor, nuclear translocator, Hypoxia-inducible factor 1-beta, ARNT</p> <p>Background: Required for activity of the Ah (dioxin) receptor. This protein is required for the ligand-binding subunit to translocate from the cytosol to the nucleus after ligand binding. The complex then initiates transcription of genes involved in the activation of PAH procarcinogens. The heterodimer with HIF1A or EPAS1/HIF2A functions as a transcriptional regulator of the adaptive response to hypoxia.</p> |
| Gene ID: | 405 |
| UniProt: | P27540 |

Application Details

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|--------------------|---|
| Application Notes: | <p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Expiry Date: | 12 months |



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human gastric cancer labeled with Anti-HIF-1/ARNT1 Polyclonal Antibody, Unconjugated (ABIN686107) followed by conjugation to the secondary antibody and DAB staining