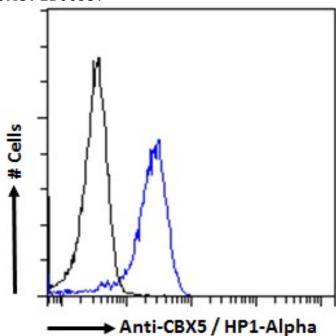


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GOAT ANTI-CBX5 / HP1-ALPHA ANTIBODY



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SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Unit Size 100 μg

Instructions Aliquot and store at -20°C. Minimize freezing and thawing.

Alias

Synonym / heterochromatin protein 1-alpha|heterochromatin protein 1 homolog alpha|antigen p25|HP1A|Heterochromatin protein-1|chromobox homolog 5 (Drosophila HP1 alpha)|HP1Hs-alpha|HP1|HGNC:1555|chromobox homolog 5 (HP1

Names alpha homolog, Drosophila)|HP1-ALPHA|CBX5

Usage Summary

Immunofluorescence: Strong expression of the protein seen in the nuclei of U2OS cells. $Recommended\ concentration:\ 10\mu g/ml.\ Flow\ Cytometry:Flow\ cytometric\ analysis\ of\ HeLa$

cells. Recommended concentration: 10ug/ml.

Accession ID

NP_036249.1; NP_001120793.1; NP_001120794.1

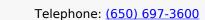
Blocking Peptide

EBP06957

Peptide with sequence C-NKRKSNFSNSADDIK, from the internal region of the protein sequence according to Immunogen NP_036249.1; NP_001120793.1; NP_001120794.1.









Product Comments

Variants (NP_036249.1; NP_001120793.1; NP_001120794.1) encode the same protein.

Peptide

C-NKRKSNFSNSADDIK

Sequence

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using

Method

the immunizing peptide.

Shipping

Refrigerated Instructions

Predicted Species

Human, Mouse, Dog

Reactive

Human **Species**

Human

23468 Gene ID

Product

Grade

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png

ELISA

Detection

Antibody detection limit dilution 1:128000.

Limit

Approx 24-25kDa band observed in lysates of cell lines A43N and K562 (calculated MW of 22.2kDa according to Western

Blot

Human NP_036249.1). Recommended concentration: 0.03-0.1μg/ml. Primary incubation 1 hour at room

temperature.

Application

Pep-ELISA, WB, IF, FC Type

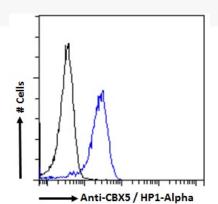
SELECTED REFERENCES

[{"pmid": 30377371, "intro": "This antibody (previous batch) has been successfully used in the following paper:", "title": "A high-throughput pipeline for validation of antibodies", "author": "Krzysztof Sikorski, Adi Mehta, Marit Inngjerdingen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, Wei Zhou, Gustavo A. De Souza, Lars Holden, Jan Stuchly, Markus Templin and Fridtjof Lund-Johansen", "journal": "Nat Methods. 2018 Nov;15(11):909-912"}]

GALLERY IMAGES



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