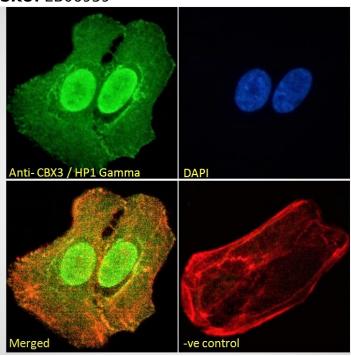




GOAT ANTI-CBX3 / HP1 GAMMA ANTIBODY

SKU: EB06959



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

Storage

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

Synonym / heterochromatin-like protein 1|heterochromatin protein HP1 gamma|chromobox homolog 3 (Drosophila HP1 Alias gamma)|chromobox homolog 3|HP1 gamma homolog|HP1Hs-gamma|HECH|HGNC:1553|chromobox homolog 3 (HP1 Names gamma homolog, Drosophila)|HP1-GAMMA|CBX3

Immunofluorescence: Strong expression of the protein seen in HeLa and U2OS cells. Usage Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of HeLa Summary

cells. Recommended concentration: 10ug/ml.

Accession NP 009207.2 ID

Blocking EBP06959 **Peptide**

Peptide with sequence C-EAFLNSQKAGKEKD, from the internal region of the protein sequence according to **Immunogen** NP 009207.2.





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No cross-reactivity expected with HP1-alpha and HP1-beta. Reported variants represent identical protein: **Product**

Comments NP_009207.2, NP_057671.2

Peptide Sequence

C-EAFLNSQKAGKEKD

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

Method the immunizing peptide.

Shipping

Refrigerated Instructions

Predicted

Human, Mouse, Rat, Cow, Dog

Species Reactive

Human, Mouse Species

Human

11335 **Gene ID**

Mouse Gene ID

12417

Rat Gene ID 297093

Product

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite plus medium.png Grade

In paraffin embedded Human Placenta shows strong nuclear staining in trophoblasts. Recommended concentration: **IHC Results**

 $2-3\mu g/ml$.

ELISA

Detection Antibody detection limit dilution 1:32000.

Limit

Western Approx. 20kDa band observed in lysates of cell lines A431, HeLa, HepG2, NIH3T3 and NSO (calculated MW of

Blot 20.8kDa according to NP_009207.2 and NP_057671.2). Recommended concentration: 0.3-1.0 μg/ml.

Application

Type

Pep-ELISA, WB, IHC, IF, FC

SELECTED REFERENCES

[{"pmid": 23545254, "intro": "This antibody has been successfully used in Western blot on Mouse:", "title": "Knockdown of HMGA1 inhibits human breast cancer cell growth\r\nand metastasis in immunodeficient mice", "author": "Francescopaolo Di Cello, James Shin, Kirsten Harbom, Cory Brayton", "journal": "Biochem Biophys Res Commun. 2013 Apr 26;434(1):70-4."}]

GALLERY IMAGES



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