

Product datasheet for TA302653

OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

HP1 gamma (CBX3) Goat Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: ELISA: 1:32,000. WB: 0.3-1.0 μg/ml.

Reactivity: Human, Mouse (Expected from sequence similarity: Rat, Dog)

Host: Goat Isotype: IgG

Clonality: Polyclonal

Immunogen: Peptide with sequence C-EAFLNSQKAGKEKD, from the internal region of the protein sequence

according to NP_009207.2; NP_057671.2.

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

albumin.

Concentration: lot specific

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

chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02%

sodium azide, pH7.3 with 0.5% bovine serum albumin.

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 20.6 kDa

Gene Name: chromobox 3

Database Link: NP 009207

Entrez Gene 12417 MouseEntrez Gene 297093 RatEntrez Gene 482015 DogEntrez Gene 11335

<u>Human</u> Q13185



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Background: At the nuclear envelope, the nuclear lamina and heterochromatin are adjacent to the inner

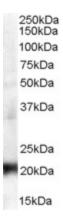
nuclear membrane. The protein encoded by this gene binds DNA and is a component of heterochromatin. This protein also can bind lamin B receptor, an integral membrane protein found in the inner nuclear membrane. The dual binding functions of the encoded protein may explain the association of heterochromatin with the inner nuclear membrane. Two transcript variants encoding the same protein but differing in the 5' UTR, have been found for

this gene. [provided by RefSeq]

Synonyms: HECH; HP1-GAMMA; HP1Hs-gamma

Protein Families: Druggable Genome, Transcription Factors

Product images:



TA302653 (0.3ug/ml) staining of A431 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.