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Goat Anti-CHFR Antibody

Peptide-affinity purified goat antibody

Catalog # AF1236a

Specification

Goat Anti-CHFR Antibody - Product Information

Application	**IHC**
Primary Accession	Q96EP1
Other Accession	NP_001154819, 55743, 231600 (mouse), 288734 (rat)
Reactivity	**Human**
Predicted	**Mouse, Rat**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**100ug/200ul**
Isotype	**IgG**
Calculated MW	**73386**

Goat Anti-CHFR Antibody - Additional Information

Gene ID 55743

Other Names
E3 ubiquitin-protein ligase CHFR, 6.3.2.-, Checkpoint with forkhead and RING finger domains protein, RING finger protein 196, CHFR, RNF196

Format
0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Goat Anti-CHFR Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-CHFR Antibody - Protein Information

Name CHFR

Synonyms RNF196

Function
E3 ubiquitin-protein ligase that functions in the antephase checkpoint by actively delaying passage into mitosis in response to microtubule poisons. Acts in early prophase before chromosome

condensation, when the centrosome move apart from each other along the periphery of the nucleus. Probably involved in signaling the presence of mitotic stress caused by microtubule poisons by mediating the 'Lys- 48'-linked ubiquitination of target proteins, leading to their degradation by the proteasome. Promotes the ubiquitination and subsequent degradation of AURKA and PLK1. Probably acts as a tumor suppressor, possibly by mediating the polyubiquitination of HDAC1, leading to its degradation. May also promote the formation of 'Lys-63'- linked polyubiquitin chains and functions with the specific ubiquitin- conjugating UBC13-MMS2 (UBE2N-UBE2V2) heterodimer. Substrates that are polyubiquitinated at 'Lys-63' are usually not targeted for degradation, but are rather involved in signaling cellular stress.

Cellular Location
Nucleus, PML body

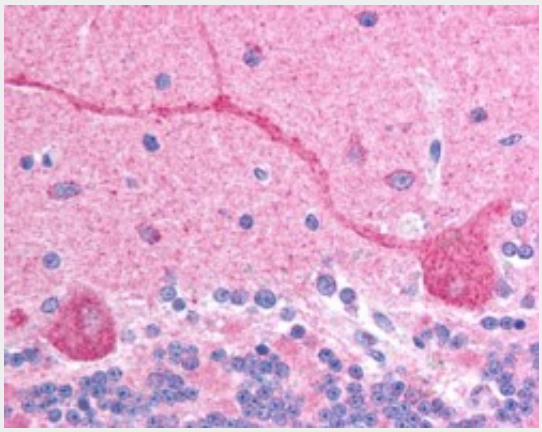
Tissue Location
Ubiquitous..

Goat Anti-CHFR Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Goat Anti-CHFR Antibody - Images



AF1236a (2.5 µg/ml) staining of paraffin embedded human brain (cerebellum). Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Goat Anti-CHFR Antibody - References

CHFR functions as a ubiquitin ligase for HLTF to regulate its stability and functions. Kim JM, et al. Biochem Biophys Res Commun, 2010 May 14. PMID 20388495.
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