

Datasheet for ABIN1944936

anti-HEXIM1 antibody[Go to Product page](#)**2** Images**3** Publications

Overview

| | |
|--------------|--|
| Quantity: | 100 µg |
| Target: | HEXIM1 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This HEXIM1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF) |

Product Details

| | |
|----------|-----|
| Isotype: | IgG |
|----------|-----|

Target Details

| | |
|-------------------|---|
| Target: | HEXIM1 |
| Alternative Name: | HEXIM1 (HEXIM1 Products) |
| Background: | Transcriptional regulator which functions as a general RNA polymerase II transcription inhibitor. In cooperation with 7SK snRNA sequesters P-TEFb in a large inactive 7SK snRNP complex preventing RNA polymerase II phosphorylation and subsequent transcriptional elongation. May also regulate NF-kappa-B, ESR1, NR3C1 and CIITA-dependent transcriptional activity. |
| Molecular Weight: | 40623 Da |
| Gene ID: | 10614 |
| UniProt: | O94992 |

Application Details

Application Notes: IF: 1:100. WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

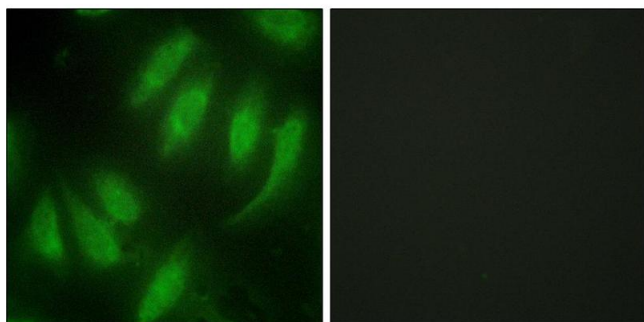
Storage: 4 °C, -20 °C

Publications

Product cited in: Takeda, Kadowaki, Haga, Takaesu, Mitaku: "Identification of G protein-coupled receptor genes from the human genome sequence." in: **FEBS letters**, Vol. 520, Issue 1-3, pp. 97-101, (2002) ([PubMed](#)).

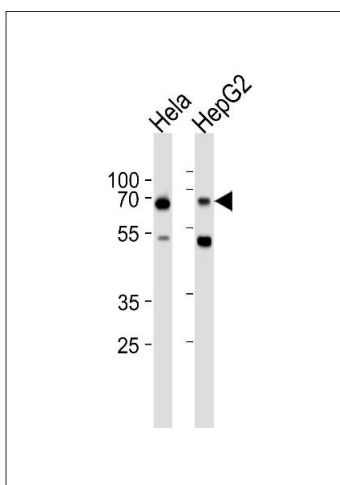
Communi, Gonzalez, Detheux, Brézillon, Lannoy, Parmentier, Boeynaems: "Identification of a novel human ADP receptor coupled to G(i)." in: **The Journal of biological chemistry**, Vol. 276, Issue 44, pp. 41479-85, (2001) ([PubMed](#)).

Wittenberger, Schaller, Hellebrand: "An expressed sequence tag (EST) data mining strategy succeeding in the discovery of new G-protein coupled receptors." in: **Journal of molecular biology**, Vol. 307, Issue 3, pp. 799-813, (2001) ([PubMed](#)).



Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells, using HES7 antibody.



Western Blotting

Image 2. Western blot analysis of lysates from HeLa, HepG2 cell line (from left to right), using HEXIM1 Antibody (ABIN484172 and ABIN1533553). ABIN484172 and ABIN1533553 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.