

DHRS9 Polyclonal Antibody

Catalog No. E-AB-61888

Note: Centrifuge before opening to ensure complete recovery of vial contents.

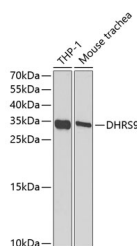
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant fusion protein of human DHRS9
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Applications Recommended Dilution

WB	1:500-1:2000
IF	1:10-1:100

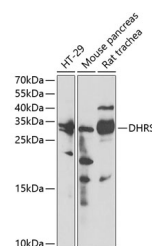
Data



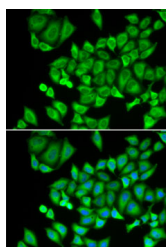
Western blot analysis of extracts of various cell lines using DHRS9 Polyclonal Antibody at 1:1000 dilution.

Observed Mw:35kDa

Calculated Mw:18kDa/30kDa/35kDa/41kDa



Western blot analysis of extracts of various cell lines using DHRS9 Polyclonal Antibody at 1:3000 dilution.



Immunofluorescence analysis of U2OS cells using DHRS9 Polyclonal antibody. Blue: DAPI for nuclear staining.

Preparation & Storage

For Research Use Only

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

This gene encodes a member of the short-chain dehydrogenases/reductases (SDR) family. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. This protein demonstrates oxidoreductase activity toward hydroxysteroids and is able to convert 3-alpha-tetrahydroprogesterone to dihydroxyprogesterone and 3-alpha-androstanediol to dihydroxyprogesterone in the cytoplasm, and may additionally function as a transcriptional repressor in the nucleus. Alternative splicing results in multiple transcript variants.