DiMethyl-Histone H3-K27 Rabbit pAb

Catalog No.: RA8020

Basic Information

Observed MW
17KDa

Calculated MW
16kDa

Category
Primary antibody

Applications
IF/ICC

Cross-Reactivity
Human

Background

These Polyclonal antibodies are of rabbit origin developed by immunizing animals with proteins or peptides. The polyclonal antibody is purified by affinity purification from the rabbit sera generated after immunizing the rabbits with a specific type of protein or peptide. The purified antibody is tested for its functionality in various relevant research applications. The antibody is developed for Research Use Only and is non-hazardous or non-infectious in nature.

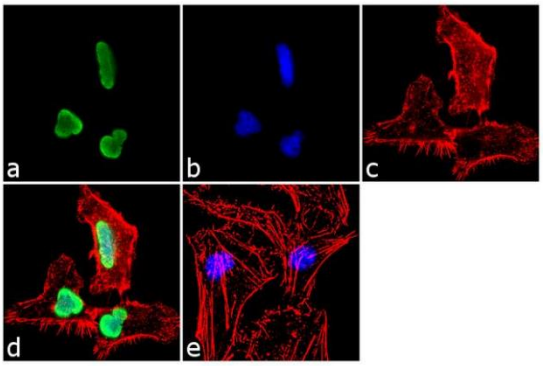
This antibody is predicted to react with Pig, Rat and Cat.

Recommended Dilutions

IF/ICC	2 μg/mL

Product Information

Source	Rabbit
Isotype	IgG
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 30% glycerol, 0.1% BSA
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.



H3K27me2 Antibody in IF

Immunofluorescence was performed on fixed and permeabilized HeLa cells for detection of H3K27me2 using Anti-H3K27me2 Rabbit Polyclonal Antibody (2 µg/mL) and labeled with Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (1:2000). Panel a) shows representative cells that were stained for detection and localization of H3K27me2 protein (green), Panel b) is stained for nuclei (blue) using SlowFade® Gold Antifade Mountant with DAPI . Panel c) represents cytoskeletal F-actin staining using Alexa Fluor® 555 Rhodamine Phalloidin (1:300). Panel d) is a composite image of Panels a, b and c clearly demonstrating nucular localization of H3K27me2. Panel e) represents control cells with no primary antibody to assess background.