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Datasheet for ABIN7454425
anti-PAGR1 antibody (AA 204-254)

Overview

Quantity:	100 µg
Target:	PAGR1
Binding Specificity:	AA 204-254
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAGR1 antibody is un-conjugated
Application:	Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-PA1 Antibody, Affinity Purified
Immunogen:	between AA 204 and 254
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	PAGR1
Alternative Name:	PA1 (PAGR1 Products)
Background:	Background: PA1 (PTIP-associated protein 1) was isolated as a protein that associates with

Target Details

PTIP (Pax transactivation domain-interacting protein), a nuclear protein involved in the DNA damage response and interacts with the Pax2 transactivation domain. Along with PTIP, PA1 has been found to be present in a MLL3- and MLL4-containing Histone H3 Lysine 4 Methyltransferase complex. PA1 also appears to be important to the DNA damage response and repair. This involvement in DNA damage signaling is reported to be independent of its MLL association. PA1 has also been identified as GAS (glutamate-rich coactivator interacting with SRC1/NCOA1). As an interactor of SRC1 (steroid receptor coactivator 1), PA1 functions as a transcription cofactor.

Gene ID: 79447

NCBI Accession: [NP_078792](#)

UniProt: [Q9BTK6](#)

Application Details

Application Notes: IHC: 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
IP: 2 - 5 µg/mg lysate
WB: Not recommended. Use rabbit anti-PA1 antibody A301-978A.

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months