

OPLAH Antibody (N-term)

Catalog_no :	AB2518
Reactivity :	H, M
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:1-30
Specificity :	This OPLAH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human OPLAH.
Dilution :	WB,1:1000;WB,1:1000;IHC-P,1:50~100;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Other_name :	5-oxoprolinase, 5-oxo-L-prolinase, 5-OPase, Pyroglutamase, OPLAH
Isotype :	Rabbit Ig
Background :	OPLAH catalyzes the cleavage of 5-oxo-L-proline to form L-glutamate coupled to the hydrolysis of ATP to ADP and inorganic phosphate. $ATP + 5\text{-oxo-L-proline} + 2\text{ H}_2\text{O} = ADP + \text{phosphate} + \text{L-glutamate}$.
reference :	Watanabe T., Abe K. Biol. Pharm. Bull. 27:288-294(2004) Bechtel S., Rosenfelder H. BMC Genomics 8:399-399(2007)