

Keratin-pan Polyclonal Antibody

Cat #: ABP59034

Size: 30µl /100µl /200µl

Product Information

	Product Name: Keratin-pan Polyclonal Antibody		
	Applications: WB, ELISA		Isotype: Rabbit IgG
	Reactivity: Human, Mouse, Rat		
REF	Catalog Number: ABP59034	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: The protein encoded by KRT2 is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is expressed largely in the upper spinous layer of epidermal keratinocytes and mutations in KRT2 have been associated with bullous congenital ichthyosiform erythroderma. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. KRT2 (Keratin 2) is a Protein Coding gene. Diseases associated with KRT2 include Ichthyosis Bullosa Of Siemens and Exfoliative Ichthyosis. Among its related pathways are Cytoskeleton remodeling Neurofilaments and Keratinization.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:10000-1:20000).

Storage Buffer: PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol as stabilizer.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

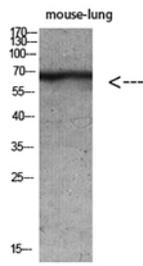


Fig.1. Western blot analysis of Mouse-lung Mouse-brain Mouse-kidney Mouse-heart lysate, antibody was diluted at 1:500. HRP, Goat Anti-Rabbit IgG (Cat #: A21020) secondary antibody was diluted at 1:20000.

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