HSP60 Polyclonal Antibody

Cat #: ABP57186   Size: 30µl /100µl /200µl

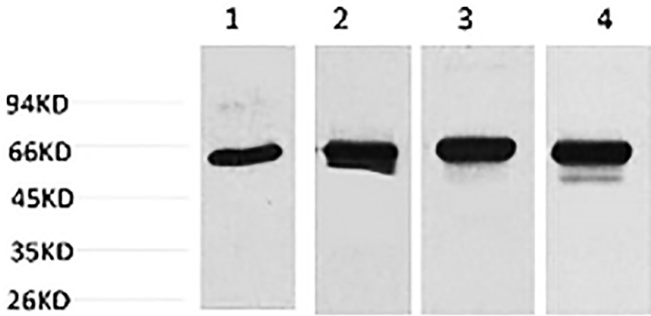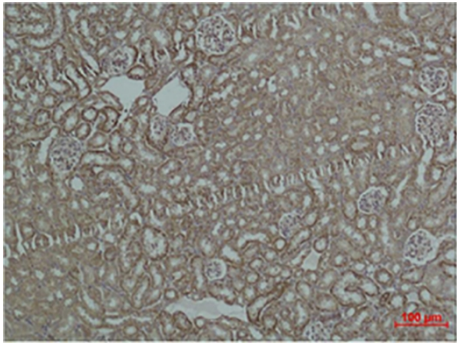## Product Information

	Product Name: HSP60 Polyclonal Antibody		
	Applications: WB, IHC-P		**Isotype:** Rabbit IgG
	Reactivity: Human, Mouse, Rat		
REF	**Catalog Number:** ABP57186	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: HSPD1 (heat shock protein family D (Hsp60) member 1) encodes a member of the chaperonin family. The encoded mitochondrial protein may function as a signaling molecule in the innate immune system. This protein is essential for the folding and assembly of newly imported proteins in the mitochondria. HSPD1 is adjacent to a related family member and the region between the 2 genes functions as a bidirectional promoter. Several pseudogenes have been associated with HSPD1. Two transcript variants encoding the same protein have been identified for HSPD1. Mutations associated with this gene cause autosomal recessive spastic paraplegia 13.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:1000-1:2000), IHC-P (1:200-1:500).

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

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 1) Hela, 2) 3T3, 3) Mouse Brain, 4) Rat Brain using HSP60 Polyclonal Antibody. Secondary antibody (catalog#: A21020) was diluted at 1:20000.

Fig.2. Immunohistochemical analysis of paraffin-embedded Mouse Kidney Tissue using HSP60 Polyclonal Antibody.

Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.