

Human/Mouse/Rat ERK2 Antibody

Antigen Affinity-purified Polyclonal Rabbit IgG Catalog Number: AF1230

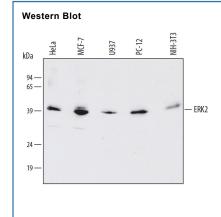
DESCRIPTION			
Species Reactivity	Human/Mouse/Rat		
Specificity	Detects human, mouse, and rat ERK2. Also recognizes ERK1 in some cell types at much lower affinity.		
Source	Polyclonal Rabbit IgG		
Purification	Antigen and protein A Affinity-purified		
Immunogen	E. coli-derived recombinant human ERK2 Met1-Ser360 Accession # P28482		
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details.		

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	0.1 μg/mL	See Below
Immunohistochemistry	5-15 μg/mL	Immersion fixed frozen sections of mouse embryo (E13-15) and perfusion fixed frozen sections of rat brain

DATA



Detection of Human/Mouse/Rat ERK2 by Western Blot.

Western blot shows lysates of HeLa human cervical epithelial carcinoma cell line, MCF-7 human breast cancer cell line, U937 human histiocytic lymphoma cell line, PC-12 rat adrenal pheochromocytoma cell line, and NIH-3T3 mouse embryonic fibroblast cell line. PVDF membrane was probed with 0.1 μ g/mL of Rabbit Anti-Human/Mouse/Rat ERK2 Antigen Affinity-purified Polyclonal Antibody (Catalog # AF1230) followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody (Catalog # HAF008). A specific band was detected for ERK2 at approximately 42 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.

PREPARATION AND STORAGE

 Reconstitution
 Reconstitute at 0.2 mg/mL in sterile PBS.

 Shipping
 The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

