

HRP-labeled Antibody to ERK1/ERK2
Rabbit Polyclonal

Catalog Number: AB-210
Quantity: 100 micrograms
Format: 0.1 M TBS, 50% glycerol, 0.01% NaN₃
Host: Rabbit
Immunogen: ERK1/2 phospho-peptide contain (pT185/pY187) sequence KLH conjugates

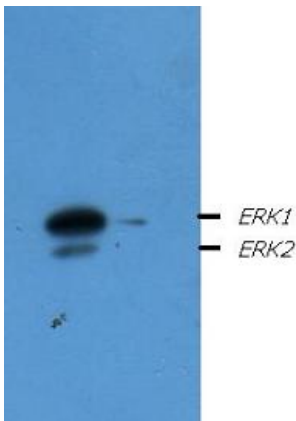
Specificity and Preparation:

Recognizes the active form of ERK's only, not the inactive form. Affinity-purified with phospho-peptide (pT185/pY187) followed by immunoaffinity adsorption with non-phosphopeptide. Conjugated to horseradish peroxidase (HRP) via reductive amination. The concentration is 250 µg/ml.

Usage and Storage:

Reported to be effective for ELISA (0.25 µg/ml) and immunoblotting (western blot, 0.5 µg/ml).

Store the antibody at -20°C. Stable for up to three years. Avoid repeated freezing and thawing. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate.



Western blot analysis of the activation of ERK1/2 from human cell (TCA) lysates.
(Right) Lysate from cells was serum-starved for 24 hours, low activity of ERK1/2.
(Left) Lysate from cells was serum-starved for 24 hours then retreated with 10% fetal calf serum for 10 min. Stronger signal of the active ERK1/2.

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