



**Cat nr AE00227**

## Product Datasheet

Rabbit Polyclonal Phospho-Specific Antibody, ERBB4-pY1284 to:

### HER4, phosphorylated Y1284

Proto-oncogene-like protein c-ErbB-4; Receptor tyrosine-protein kinase erbB-4; Tyrosine kinase-type cell surface receptor HER4; erb-b2 receptor tyrosine kinase 4; HER4; ALS19; p180erbB4;

Cellular localization Plasma membrane, cell surface

Official Symbol (Gene) ERBB4

GeneID 2066

SwissProt Q15303

Confirmed Applications	WB
Positive controls	EGF-stimulated serum-starved A431
Customers positive feedback	
Aeonian Rating <sup>©</sup>	70

Purification Antigen-affinity purified from serum by sequential phospho-peptide and non-phospho-peptide affinity columns

Formulation  PBS, 0.02% azide, 50% glycerol

Amount  100ug  200ug

Isotype Rabbit IgG

Confirmed species reactivity Human

Immunogen A synthetic peptide around phosphorylated Y1284 of human HER4 (NP\_005226.1).

Epitope A short sequence around phosphorylated Y1284: PEYLS

Storage instructions Avoid repeated freeze/thaw cycles. For long term storage, keep small aliquots at -20C or -80C and keep one aliquot at 4C for daily experimentations. Azide will preserve antibody at 4C for 6-12 months, when kept away from direct sun light.

Expiration Integrity warranted for 24 months after purchase when handled and stored according to instructions, see below.

Warranty This product is only warranted for the specifications as described in this product sheet and only when the product is handled and stored according to instructions. User should validate this antibody in the application and tissue/cell type as required, after confirmation of integrity upon receipt is obtained by reproducing the performance as described below. Should such confirmation not be attempted, any warranty is void. In case of non-conformance, user needs to contact us immediately for replacement or refund.

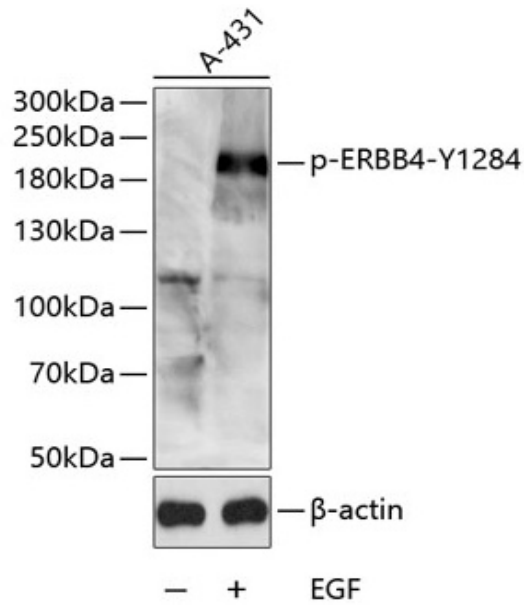
Liability This product is for in vitro research use only. Any other applications, such as diagnostics or therapeutics, or in vivo experiments, and the validation of this product therein, are solely at the responsibility of the buyer/user.

Product performance see next pages

**Product data:**

**Western Blot (WB):**

This product was successfully used to stain an approx. 200kDa band in lysates of serum-starved A431 after an EGF treatment. Recommended concentration: 1-3ug/ml



Western Blots of 30ug lysates of A431 with and without EGF (100ng/ml, 30min) treatment after overnight serum-starvation, stained with ERBB4-pY1284 Rabbit Polyclonal Antibody AE00227 at 1ug/ml (1h at ambient temp). ECL staining by HRP.