

## CAB4808

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### Product Information

<b>Product SKU:</b>	CAB4808	<b>Gene ID:</b>	1308	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC0233	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human

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### Additional Information

<b>Observed MW:</b>	150-180kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	150kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

**Background:** This gene encodes the alpha chain of type XVII collagen. Unlike most collagens, collagen XVII is a transmembrane protein. Collagen XVII is a structural component of hemidesmosomes, multiprotein complexes at the dermal-epidermal basement membrane zone that mediate adhesion of keratinocytes to the underlying membrane. Mutations in this gene are associated with both generalized atrophic benign and junctional epidermolysis bullosa. Two homotrimeric forms of type XVII collagen exist. The full length form is the transmembrane protein. A soluble form, referred to as either ectodomain or LAD-1, is generated by proteolytic processing of the full length form.

**Recommended Dilution:** WB,1:500 - 1:1000 IHC-P,1:50 - 1:200

**Synonyms:** ERED; JEB4; BP180; BPA-2; BPAG2; LAD-1; BA16H23.2; Collagen XVII/COL17A1

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 1300-1400 of human Collagen XVII/COL17A1 (Q9UMD9).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.