

# Cleaved-Ephrin-A2 (N188) Polyclonal Antibody

Catalog # AP63127

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">O43921</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	23878

## Additional Information

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<b>Gene ID</b>	1943
<b>Other Names</b>	EFNA2; EPLG6; LERK6; Ephrin-A2; EPH-related receptor tyrosine kinase ligand 6; LERK-6; HEK7 ligand; HEK7-L
<b>Dilution</b>	WB--Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	EFNA2
<b>Synonyms</b>	EPLG6, LERK6
<b>Function</b>	Cell surface GPI-bound ligand for Eph receptors, a family of receptor tyrosine kinases which are crucial for migration, repulsion and adhesion during neuronal, vascular and epithelial development. Binds promiscuously Eph receptors residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. The signaling pathway downstream of the receptor is referred to as forward signaling while the signaling pathway downstream of the ephrin ligand is referred to as reverse signaling. With the EPHA2 receptor may play a role in bone remodeling through regulation of osteoclastogenesis and osteoblastogenesis (By similarity).
<b>Cellular Location</b>	Cell membrane; Lipid-anchor, GPI- anchor

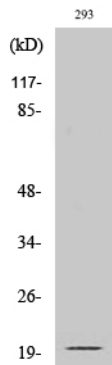
## Background

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Cell surface GPI-bound ligand for Eph receptors, a family of receptor tyrosine kinases which are crucial for migration, repulsion and adhesion during neuronal, vascular and epithelial development. Binds promiscuously Eph receptors residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. The signaling pathway downstream of the receptor is referred to as forward signaling while the signaling pathway downstream of the ephrin ligand is referred to as reverse signaling. With the EPHA2 receptor may play a role in bone remodeling through regulation of osteoclastogenesis and osteoblastogenesis (By similarity).

## Images

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Western Blot analysis of various cells using Cleaved-Ephrin-A2 (N188) Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.