

## CAB20637

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### Product Information

<b>Product SKU:</b>	CAB20637	<b>Gene ID:</b>	4336035	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Oryza sativa

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### Additional Information

<b>Observed MW:</b>	70kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	70kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

**Background:** LRR receptor kinase involved in positive regulation of somatic embryogenesis and defense response against the rice blast fungus pathogen *Magnaporthe oryzae*. Involved in the positive regulation of receptor kinase-mediated immunity. Required for immunity mediated by the LRR receptor kinases XA21 and XA26/XA3 which recognize effectors from the bacterial pathogen *Xanthomonas oryzae* pv. *oryzae* (Xoo). Required for the immune response mediated by the LRR receptor kinase FLS2 which recognizes specifically the bacterial flagellin (flg22) effector. Kinase activity and direct interaction with the immune receptors is critical for their function

**Recommended Dilution:** WB, 1:500 - 1:2000

**Synonyms:** OsSERK1; OsSERK2

**Purification Method:** Affinity purification

**Immunogen:** Recombinant protein of *Oryza sativa* OsSERK2.

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.